



Liquid Handlings



Thermo Controls



Rotary Evaporators



Magnetic Stirrers



Overhead Stirrers



Mixers and Rotators



Shakers



Centrifuges



Spectrophotometer

Click Below

Electronic pipettes

Manual pipettes

Pip. Filler/ Stepper

Electronic Titrator

Electronic Dispenser

Manual Dispenser

SafeVac

Centrifuges-Clinical

Centrifuges-LS

Rotary Evaporator

Rollers and Rotators

Hotplate

Magnetic Stirrers

Overhead Stirrers

Shakers

Mixers / Vortex

Thermo Mixers

Thermo Cyclers

Spectrophotometers



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Welcome

DLAB

Your Accessible Solution

Dear End Users and Distribution Partners:

On behalf of DLAB Scientific we want to express you our gratitude for the continuous interest in our brand. We feel deeply committed to provide you a one-stop solution with certified quality and competitive prices by a quick response to all your needs.

As a USA-company we are part of a leading manufacturer for a broad range of laboratory equipments that since 2002 extends its factory to 230,000 square feet, relying on more than 250 professionally qualified personnel.

By clicking on the left column, this minicatalog presents you our

- advantages for the different labs
- advantages for the individual user
- general Ressources for the Distributor

DLAB's commitment does not end with a product delivery ex-works. We also offer constant trainings to end users as well as to the distributors and inform regularly about our innovations and the market chances of our products.

Our end users are in the Industrial, academic and medical fields in over 100 countries and our doors are always open to at the booths in world-wide exhibitions, but we would be particularly glad to receive your emails at any time to any matter you may need our support.

Thank you once more for your interest and please remember, DLAB is your accesible solution!

Sincerely,

Ms. Siumui Chan
Director of International Sales
DLAB Scientific Inc.

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Your Advantages

DLAB

Your Accessible Solution

The Brand Concept

- DLAB is your accesible solution!
- Our products are every day-products for the common lab-routine
- That is why they are quality products, that means precise, durable, innovativ and user friendly
- We adapt to the special needs by offering different models to one appli-cation
- Our prices stay high competitive even in the tightest tenders and spe-cially for educational applications
- We care about your needs and react fast

Advantages by the Type of Laboratory

- For Life Science Labs: full autoclavable low volume pipettes of high precision, an electronic version, the dispenser StepMate, dry baths, mixers with cooled or heated movement, thermocyclers, high speed centrifuges, heat plates, aspirators SafeVacs etc.
- For Clinical Labs: a large variety of cooled or ventilated centrifuges for 0.2 up to 50 ml tubes, plates and strips, in swing out– or fix-rotors, but also rotators, rolators, high volumen pipettes etc.
- For Industrial Labs: our plattes belong to the widest and hottest offers of the global markets, with horizontal or vertical stirrers and alternatives from liquid handling from pipettes and bottle top dispensers to digital titrators or diluters.

General Ressources

- All products have been certified and manufactured in accordance with ISO9001 / 13485 and cTUVs and with our stringent QA/QC processes
- All of them have full specifications, a list of accessories, and a growing use-support by videos, newsletter, etc.

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Electronic Pipette

dPette

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Your Accessible Solution

*Simple and
Accurate*



Advantages for the user	Features
High accuracy	Digitally controlled stepper motor ensures repeatable results
It can be used like a manual pipette	Slim design with only 2 knobs that keeps the habit of manual pipettes
Less fatigue	Slim, light weight , less risks of strain injuries
Better than a manual pipette	Pipetting, mixing, Stepper and diluting.
Pragmatic use	Autoclavable (low part), easy maintenance and long life rechargeable battery



• Rich display

• Rechargeable stand

• Calibration Software

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Electronic Pipette

dPette



Your Accessible Solution

Technical Data

Channel	Volume Range	Increment	Test Volume	Inaccuracy		Imprecision	
	μL	μL	μL	μL	%	s.d.* μL	CV%*
Single	0.5-10 μL	0.01 μL	10	± 0.10	± 1.0	0.05	0.5
			1	± 0.03	± 3.5	0.03	3
Single	5-50 μL	0.1 μL	50	± 0.40	± 0.8	0.15	0.3
			5	± 0.15	± 3.0	0.125	2.5
Single	30-300 μL	1 μL	300	± 1.8	± 0.6	0.6	0.2
			30	± 0.9	± 3.0	0.21	0.7
Single	100-1000 μL	5 μL	1000	± 6.0	± 0.6	2	0.2
			100	± 3.0	± 3.0	0.6	0.6

Ordering Information

Cat. No.	Volume	Power supply
7016201001	0.5-10 μL	USA plug, 100V-220V/50Hz/60Hz
		Cn plug, 100V-220V/50Hz/60Hz
		Euro plug, 100V-220V/50Hz/60Hz
		UK plug, 100V-220V/50Hz/60Hz
7016201002	5-50 μL	USA plug, 100V-220V/50Hz/60Hz
		Cn plug, 100V-220V/50Hz/60Hz
		Euro plug, 100V-220V/50Hz/60Hz
		UK plug, 100V-220V/50Hz/60Hz
7016201003	30-300 μL	USA plug, 100V-220V/50Hz/60Hz
		Cn plug, 100V-220V/50Hz/60Hz
		Euro plug, 100V-220V/50Hz/60Hz
		UK plug, 100V-220V/50Hz/60Hz
7016201004	100-1000 μL	USA plug, 100V-220V/50Hz/60Hz
		Cn plug, 100V-220V/50Hz/60Hz
		Euro plug, 100V-220V/50Hz/60Hz
		UK plug, 100V-220V/50Hz/60Hz

- Compatible with most commonly available tips.

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Manual Pipettes

MicroPette and MicroPette Plus

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Fully
Autoclavable
(MicroPette Plus)



Advantages for the user

High Accuracy

Wide volume range

Long working life

Reduces the danger of contamination

Free software for calibration

Features

Manually calibrated and also certified accomplishing ISO8655 standards.

Covers all volume ranges in the lab, from 0.1µL to 10ml

Made up of chemically-resistant materials to secure long lifetime

Fully autoclavable (MicroPette plus version)

Download available in our webpage



• Alternative Round stand and linear stand

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Manual Pipette

MicroPette and MicroPette Plus



Your Accessible Solution

Technical data

Single-channel Adjustable Volume

Volume Range	Increment	Test Volume	Maximum permissible systematic error		Maximum permissible random error	
			(Inaccuracy)		(Imprecision)	
			%	μL	%	μL
0.1-2.5μL	0.05μL	2.5μL	2.50%	0.0625	2.00%	0.05
		1.25μL	3.00%	0.0375	3.00%	0.0375
		0.25μL	12.00%	0.03	6.00%	0.015
0.5-10μL	0.1μL	10μL	1.00%	0.1	0.80%	0.08
		5μL	1.50%	0.075	1.50%	0.075
		1μL	2.50%	0.025	1.50%	0.015
2-20μL	0.5μL	20μL	0.90%	0.18	0.40%	0.08
		10μL	1.20%	0.12	1.00%	0.1
		2μL	3.00%	0.06	2.00%	0.04
5-50μL	0.5μL	50μL	0.60%	0.3	0.30%	0.15
		25μL	0.90%	0.225	0.60%	0.15
		5μL	2.00%	0.1	2.00%	0.1
10-100μL	1μL	100μL	0.80%	0.8	0.15%	0.15
		50μL	1.00%	0.5	0.40%	0.2
		10μL	3.00%	0.3	1.50%	0.15
20-200μL	1μL	200μL	0.60%	1.2	0.15%	0.3
		100μL	0.80%	0.8	0.30%	0.3
		20μL	3.00%	0.6	1.00%	0.2
50-200μL	1μL	200μL	0.60%	1.2	0.15%	0.3
		100μL	0.80%	0.8	0.30%	0.3
		50μL	1.00%	0.5	0.40%	0.2
100-1000μL	5μL	1000μL	0.60%	6	0.20%	2
		500μL	0.70%	3.5	0.25%	1.25
		100μL	2.00%	2	0.70%	0.7
200-1000μL	5μL	1000μL	0.60%	6	0.20%	2
		500μL	0.70%	3.5	0.25%	1.25
		200μL	0.90%	1.8	0.30%	0.6
1000-5000μL	50μL	5000μL	0.50%	25	0.15%	7.5
		2500μL	0.60%	15	0.30%	7.5
		1000μL	0.70%	7	0.30%	3
2-10mL	0.1mL	10mL	0.60%	60	0.20%	20
		5mL	1.20%	60	0.30%	15
		2mL	3.00%	60	0.60%	12

Single-channel Fixed Volume

Volume Range	Test Volume	Maximum permissible systematic error		Maximum permissible random error	
		(Inaccuracy)		(Imprecision)	
		%	μL	%	μL
5μL	5μL	1.30%	0.065	1.20%	0.06
10μL	10μL	0.80%	0.08	0.80%	0.08
20μL	20μL	0.60%	0.12	0.50%	0.1
25μL	25μL	0.50%	0.125	0.30%	0.075
50μL	50μL	0.50%	0.25	0.30%	0.15
100μL	100μL	0.50%	0.5	0.30%	0.3
200μL	200μL	0.40%	0.8	0.20%	0.4
250μL	250μL	0.40%	1	0.20%	0.5
500μL	500μL	0.30%	1.5	0.20%	1
1000μL	1000μL	0.30%	3	0.20%	2
2000μL	2000μL	0.30%	6	0.15%	3
5000μL	5000μL	0.30%	15	0.15%	7.5

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Thermo Cyclers

Spectrophotometers



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Manual Pipette MicroPette and MicroPette Plus

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Your Accessible Solution

Technical data

8-channel Adjustable and Fixed volume

Volume Range	Increment	Test Volume	Maximum permissible systematic error		Maximum permissible random error	
			(Inaccuracy)		(Imprecision)	
			%	µL	%	µL
0.5-10µL	0.1µL	10µL	1.50%	0.15	1.50%	0.15
		5µL	2.50%	0.125	2.50%	0.125
		1µL	4.00%	0.04	4.00%	0.04
5-50µL	0.5µL	50µL	1.00%	0.5	0.50%	0.25
		25µL	1.50%	0.375	1.00%	0.25
		5µL	3.00%	0.15	2.00%	0.1
50-300µL	5µL	300µL	0.70%	2.1	0.25%	0.75
		150µL	1.00%	1.5	0.50%	0.75
		50µL	1.50%	0.75	0.80%	0.4

12-channel Adjustable and Fixed volume

Volume Range	Increment	Test Volume	Maximum permissible systematic error		Maximum permissible random error	
			(Inaccuracy)		(Imprecision)	
			%	µL	%	µL
0.5-10µL	0.1µL	10µL	1.50%	0.15	1.50%	0.15
		5µL	2.50%	0.125	2.50%	0.125
		1µL	4.00%	0.04	4.00%	0.04
5-50µL	0.5µL	50µL	1.00%	0.5	0.50%	0.25
		25µL	1.50%	0.375	1.00%	0.25
		5µL	3.00%	0.15	2.00%	0.1
50-300µL	5µL	300µL	0.70%	2.1	0.25%	0.75
		150µL	1.00%	1.5	0.50%	0.75
		50µL	1.50%	0.75	0.80%	0.4

Ordering Information

Single-channel Adjustable Volume

MicroPette	
Cat. No.	Volume
7030201001	0.1-2.5µl
7030201004	0.5-10µl
7030201005	2-20µl
7030201006	5-50µl
7030201008	10-100µl
7030201009	20-200µl
7030201011	50-200µl
7030201014	100-1000µl
7030201016	200-1000µl
7030201017	1000-5000µl
7030201033	2-10ml

MicroPette Plus	
Cat. No.	Volume
7030301001	0.1-2.5µl
7030301004	0.5-10µl
7030301005	2-20µl
7030301006	5-50µl
7030301008	10-100µl
7030301009	20-200µl
7030301011	50-200µl
7030301014	100-1000µl
7030301016	200-1000µl
7030301017	1000-5000µl

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Manual Pipette

MicroPette and MicroPette Plus



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Single-channel fixed volume

MicroPette	
Cat. No.	Volume
7030202018	5µl
7030202019	10µl
7030202020	20µl
7030202021	25µl
7030202022	50µl
7030202023	100µl
7030202024	200µl
7030202025	250µl
7030202026	500µl
7030202027	1000µl
7030202028	2000µl
7030202029	5000µl

MicroPette Plus	
Cat. No.	Volume
7030302018	5µl
7030302019	10µl
7030302020	20µl
7030302021	25µl
7030302022	50µl
7030302023	100µl
7030302024	200µl
7030302025	250µl
7030302026	500µl
7030302027	1000µl
7030302028	2000µl
7030302029	5000µl

Eight-channel Adjustable volume

MicroPette	
Cat. No.	Volume
7030203004	0.5-10µl
7030203006	5-50µl
7030203012	50-300µl

MicroPette Plus	
Cat. No.	Volume
7030303004	0.5-10µl
7030303006	5-50µl
7030303012	50-300µl

Twelve-channel Adjustable volume

MicroPette	
Cat. No.	Volume
7030204004	0.5-10µl
7030204006	5-50µl
7030204012	50-300µl

MicroPette Plus	
Cat. No.	Volume
7030304004	0.5-10µl
7030304006	5-50µl
7030304012	50-300µl

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Manual Pipette Filler Levo Plus/Levo ME/Levo



Your Accessible Solution



Levo Plus

Advantages for the user	Features
Easy to operate	Light weight and single-handed operation
High applicability	For most plastic and glass pipettes from 0.1 to 100ml
Selective speed	Eight speeds of selection for aspiration and dispensing.
Friendly display	Large LCD display showing low battery warning and speed setting.
Rechargeable battery	Powerful rechargeable Li-ion battery enables 8h runtime
0.45µL Filter	Universally used filter and is autoclavable

Technical data

Aspirate Speeds	25ml < 5s (8 shift)
Dispense Speeds	Motor (8 shift) / Gravity
Battery	Lithium-ion
Battery Service Life	More than 8 Hours of Intermittence Use
Charging Time	2~3 Hours
Pipette Types	Glass or Plastic Pipette (0.1-100mL), Pasteur Pipettes
Filter	0.45 µm Hydrophobic
Weight	200g

Levo

Advantages for the user	Features
Easy to operate	Lightweight and single-handed operation
High applicability	For most plastic and glass pipettes from 0.1 to 100ml
Economic model	Low Price

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Pipette Filler

Levo Plus/Levo ME/Levo

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0.45ul Universal Hydrophobic filter



Silicone adapter for 0.1-100ml
pipette tip, fully Autoclavable

Levo ME

Advantages for the user	Features
Easy to operate	Lightweight and single-handed operation
High applicability	For most plastic and glass pipettes from 0.1 to 100ml
Rechargeable battery	Powerful rechargeable Li-ion battery enables 8h runtime

Ordering Information

Levo Plus

Cat. No.	Description
7033100100	Levo Plus with AC adapter, Euro plug
	Levo Plus with AC adapter, North-America plug
	Levo Plus with AC adapter, UK plug

Levo Plus Accessories

Cat. No.	Description
17400032	Levo Plus charger, Euro plug
17000205	Levo Plus Lithium battery
17000103	Filter 0.45um , 1pc/pk (for both Levoplus& Levo ME)

Levo ME

Cat. No.	Description
7013100200	Levo ME with AC adapter, Euro plug
	Levo ME with AC adapter, North-America plug
	Levo ME with AC adapter, UK plug

Levo

Cat. No.	Description
7033201000	Levo - Blue
7033202000	Levo - Red
7033203000	Levo - Green
7033204000	Levo - Yellow

Levo Accessories

Cat. No.	Description
17000110	Filter 3.0um, 1pc/pk

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Manual Stepper StepMate

DLAB
Your Accessible Solution

**Fast and
flexible
Dispensing**



Advantages for the user

Covers many volumes

Covers many types of liquids

Pragmatic use

Features

From 0.5 to 50ml

With high viscosity, high density, high vapor pressure, etc.

Fast dispensing, Light weight, single-handed operation and no air-cushion

How to use it

		Dispensing Volume				
Tips	Sel.	1	2	3	4	5
0.05ml		1µl	2µl	3µl	4µl	5µl
0.50ml		10µl	20µl	30µl	40µl	50µl
1.25ml		25µl	50µl	75µl	100µl	125µl
2.50ml		50µl	100µl	150µl	200µl	250µl
5.00ml		100µl	200µl	300µl	400µl	500µl
12.50ml		250µl	500µl	750µl	1000µl	1250µl
25.00ml		500µl	1000µl	1500µl	2000µl	2500µl
50.00ml		1000µl	2000µl	3000µl	4000µl	5000µl
Steps		48	23	15	11	8

Steps

Up to 48 dispensing steps



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Manual Stepper StepMate



Your Accessible Solution

Technical data

Cat. No.	Syringe Volume (mL)	Sample volume					A %	P %
17900032	0.5	10	20	30	40	50	± 0.8	≤ 0.7
17900034	2.5	50	100	150	200	250	± 0.8	≤ 0.4
17900036	12.5	250	500	750	1000	1250	± 0.3	≤ 0.3
17900038	50	1000	2000	3000	4000	5000	± 0.2	≤ 0.2

Ordering Information

Cat. No.	Description
7031000000	StepMate Stepper

Cat. No.	Description
17900032	0.5ml, piston PE-HD, cylinder PP, 5pcs/packing
17900033	1.25ml, piston PE-HD, cylinder PP, 5pcs/packing
17900034	2.5ml, piston PE-HD, cylinder PP, 5pcs/packing
17900035	5ml, piston PE-HD, cylinder PP, 5pcs/packing
17900036	12.5 ml, piston PE-HD, cylinder PP, 5pcs/packing
17900037	25ml, piston PE-HD, cylinder PP, 2pcs/packing with 1 pc adapter
17900038	50ml, piston PE-HD, cylinder PP, 2pcs/packing with 1 pc adapter
17400083	25/50ml adaptor, 10pcs/packing



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Bottle-top Dispensers

DispensMate/dFlow

DLAB

Your Accessible Solution

Easy to control



DispensMate



dFlow

DispensMate

Advantages for the user	Features
Excellent chemical resistance	Components are made of PTFE, FEP, BSG, PP
High applicability	Covers a volume range from 0.5 to 5ml
Fully Autoclavable	Fully Autoclavable at 121°C

dFlow

Advantages for the user	Features
Precise control	Motor operation minimizes the grip force
Easy to operate	Remote control panel with large display without the manual error
Two dispensing modes	Dispenser and stepper function options
Excellent chemical resistance	Components are made of PTFE, FEP, BSG.

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Bottle-Top Dispensers

DispensMate/dFlow



Your Accessible Solution

Technical data

DispensMate

Volume Range	Graduation	A $\leq$ ±		CV $\leq$	
ml	ml	%	μ l	%	μ l
0.5-5	0.1	0.5	25	0.1	5
1.0-10	0.2	0.5	50	0.1	10
2.5-25	0.5	0.5	125	0.1	25
5.0-50	1	0.5	250	0.1	50

dFlow

Volume range	0.01mL-99.99mL, Max piston lift is10mL, resolution is 10 μ L
Volume accuracy	Dispenser R=0.6% CV=0.2%
	Stepper R=0.5% CV=0.3%
Operating temperature range	10 $^{\circ}$ ~30 $^{\circ}$
Quality control	DIN EN ISO 8655
Control type	External control

Ordering Information

DispensMate

Cat. No.	Volume
7032100001	0.5-5ml
7032100002	1-10ml
7032100003	2.5-25ml
7032100004	5-50ml
17400037	Reagent Bottle (Brown, 1L)

dFlow

Cat. No.	Volume
7017100001	Digital Burette 0.01-99.99ml

Accessories

Cat. No.	Description
17000069	S40, Adapter, 45/40 mm
17400017	GL32, Adapter, 45/32 mm
17400018	GL38, Adapter, 45/38 mm
17400019	GL25, Adapter, 32/25 mm
17400020	GL28, Adapter, 32/28 mm
17400021	Filling tube (m)
17100073	Discharge tube (m)

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Electronic Titrator dTrite

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**Easy
operation and
Remote
Controlled**



Advantages for the user	Features
High accuracy	Digitally controlled high quality motor
Easy to operate	Remote control panel with large display
Reaches the titration end point easily and precisely	Two dispensing modes: continuously and drop by drop
Built- in magnetic stirrer	Detachable and compact magnetic stirrer support
Provides comprehensive solutions of titration	Various accessories include stand for pH meter, extension pipette, remote operation handle, etc.



- Two dispensing modes: continuously and drop by drop
- Return valve

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Technical data

Compact magnetic stirrer



Self calibration



Technical data

Volume range	0.01mL-99.99mL, Max piston lift is 10mL, resolution is 10µL
Volume accuracy	R=0.2% CV=0.07%
Velocity	16 stages
Operating temperature range	10℃~30℃
Quality control	DIN EN ISO 8655
Control type	External control, including the stirrer and the burette program

Ordering Information

Cat. No.	Volume	Power supply
7017100001	Digital Burette 0.01-99.99ml	USA plug,100V-220V/50Hz/60Hz
		Cn plug,100V-220V/50Hz/60Hz
		Euro plug,100V-220V/50Hz/60Hz
		UK plug,100V-220V/50Hz/60Hz

Chemical Compatibility Chart for DispenseMate, dTrite and dFlow

Reagent	Compati- bility	Reagent	Compati- bility	Reagent	Compatibil- ity
Acetaldehyde	+	C umene (Isopropylbenzene)	+	Methylene chloride	
Acetic acid (glacial), 100%	+	Cyclohexane		Mineral oil (Engine oil)	+
Acetic acid, 96%	+	Cyclohexanone	+	Monochloroacetic acid	+
Acetic anhydride		Cyclopentane		Nitric acid, 30%	+
Acetone	+	Decane	+	Nitric acid, 30 - 70%	
Acetonitrile		1-Decanol	+	Nitrobenzene	+
Acetophenone		Dibenzyl ether	+	Oleic acid	+
Acetyl chloride		Dichloroacetic acid		Oxalic acid	+
Acetylacetone	+	Dichlorobenzene	+	n-Pentane	
Acrylic acid	+	Dichloroethane		Peracetic acid	
Acrylonitrile	+	Dichloroethylene		Perchloric acid	+
Adipic acid	+	Dichloromethane		Perchloroethylene	
Allyl alcohol	+	Diesel oil (Heating oil)		Petroleum	+
Aluminium chloride	+	Diethanolamine	+	Petroleum ether	
Amino acids	+	Diethyl ether		Phenol	+
Ammonium chloride	+	Diethylamine	+	Phenylethanol	+
Ammonium fluoride	+	1,2 Diethylbenzene	+	Phenylhydrazine	+
Ammonium hydroxide, 30% (Ammonia)	+	Diethylene glyco	+	Phosphoric acid, 85%	+
Ammonium sulfate	+	Dimethyl sulfoxide(DMSO)	+	Phosphoric acid, 85% +Sulfuric acid, 95%, 1:1	+
n-Amyl acetate	+	Dimethylaniline	+	Piperidine	+
Amyl alcohol(Pentanol)	+	Dimethylformamide(DMF)	+	Potassium chloride	+
Amyl chloride (Chloropentane)		1,4 Dioxane		Potassium dichromate	+
Aniline	+	Diphenyl ether	+	Potassium hydroxide	+
Barium chloride	+	Ethanol	+	Potassium permanganate	+
Benzaldehyde	+	Ethanolamine	+	Propionic acid	+
Benzene (Benzol)	+	Ethyl acetate		Propylene glycol(Propanediol)	+
Benzine (Gasoline)		Ethyl methyl ketone	+	Pyridine	+
Benzoyl chloride	+	Ethylbenzene		Pyruvic acid	+
Benzyl alcohol	+	Ethylene chloride		Salicylaldehyde	+
Benzylamine	+	Fluoroacetic acid		Scintillation fluid	+

Chemical Compatibility Chart for Dispensemate, dTrite and dFlow

Reagent	Compatibil-ity	Reagent	Compatibility	Reagent	Compatibil-ity
Benzylchloride	+	Formaldehyde, 40%	+	Silver acetate	+
Boric acid, 10%	+	Formamide	+	Silver nitrate	+
Bromobenzene	+	Formic acid, 100%		Sodium acetate	+
Bromonaphthalene	+	Glycerol	+	Sodium chloride	+
Butanediol	+	Glycol(Ethyleneglycol)	+	Sodium dichromate	+
1-Butanol	+	Glycolic acid, 50%	+	Sodium fluoride	+
n-Butyl acetate	+	Heating oil (Diesel oil)		Sodium hydroxide, 30%	+
Butyl methyl ether	+	Heptane		Sodium hypochlorite	+
Butylamine	+	Hexane		Sulfuric acid, 95%	+
Butyric acid	+	Hexanoic acid	+	Tartaric acid	+
Calcium carbonate	+	Hexanol	+	Tetrachloroethylene	
Calcium chloride	+	Hydriodic acid	+	Tetrahydrofuran (THF)	
Calcium hydroxide	+	Hydrobromic acid		Tetramethylammoniumhydrox- ide	+
Calcium hypochlorite	+	Hydrochloric acid, 20%	+	Toluene	
Carbon tetrachlorid		Hydrochloric acid,20- 37%		Trichloroacetic acid	
Chloro naphthalene	+	Hydrogen peroxide,35%		Trichlorobenzene	
Chloroacetaldehyde,45%	+	Isoamyl alcohol	+	Trichloroethane	
Chloroacetic acid	+	Isobutanol	+	Trichloroethylene	
Chloroacetone	+	Isooctane		Trichlorotrifluoro ethane	
Chlorobenzene	+	Isopropanol(2-Propanol)	+	Triethanolamine	+
Chlorobutane	+	Isopropyl ether	+	Triethylene glycol	+
Chloroform		Lactic acid	+	Trifluoro ethane	
Chlorosulfonic acid		Methanol	+	Trifluoroacetic acid (TFA)	
Chromic acid, 10%	+	Methoxybenzene	+	Turpentine	
Chromic acid, 50%	+	Methyl benzoate	+	Urea	+
Chromosulfuric acid	+	Methyl butyl ether	+	Xylene	
Copper sulfate	+	Methyl formate	+	Zinc chloride, 10%	+
Cresol		Methyl propyl ketone	+	Zinc sulfate, 10%	+

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Vacuum aspiration system

SafeVac

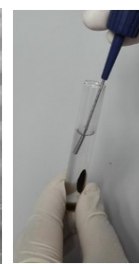
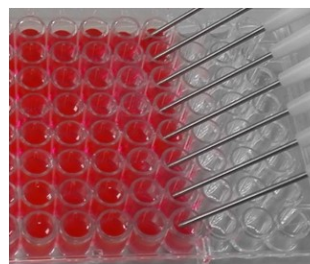
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**Safe from
Hazardous
Liquids!**



Advantages for the user	Features
Creates safe and pollution free lab environment	Designed for waste recovery and separation of liquids and solids from tubes, plates, bottles etc.
Wide application	For cell culture, DNA extraction, micro plate waste removal and any other liquid separation or recovery
More convenient	Adjustable aspiration speed and easy disassembling
More safe	Sensitive level sensor prevents liquid overflow during operation. Tube, waste bottle and operation handle all autoclavable (resists DMSO)
Wide range of adapters	Different adapters fit well with tube, micro plate, etc. for various tasks



Fits well with tube, microplate, etc.

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Vacuum aspiration system SafeVac

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Technical data

Vacuum range	0 to -600mbar
Aspirating speed	1-15ml/s
Autoclavable components	tube; waste bottle; operation handle; tube connector
Dimensions [W× D× H]	180 × 240 × 450mm
Weight	3 kg
Input voltage	100-240 VAC, 50/60 Hz
Bottle Volume	4L

Ordering Information

Cat. No.	Power supply
7035100000	USA plug,100V-220V/50Hz/60Hz
	Cn plug,100V-220V/50Hz/60Hz
	Euro plug,100V-220V/50Hz/60Hz
	UK plug,100V-220V/50Hz/60Hz

Accessories

Cat. No.	P/N	Description
17100341	PPCO Vacuum Bottles	4L
17100350	Single-needle	φ1.5mm, 60mm
17100363	Long type needle	φ1.5mm,120mm
17100360	8-channel-needle	φ1.5mm
17100567	tip detrusion adapter	200μl

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Thermo Cycler TC1000-G/TC1000-S

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**Reliable uniform
temperature at
affordable price**

TC1000-G

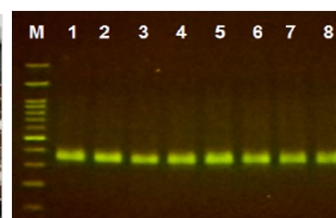
Thermo Cycler gradient

TC1000-S

Thermo Cycler non-gradient



Advantages for the user	Features
High precision temperature control	Unique design of block and multiple set of Peltier ensure the uniformity of temperature and repeatable results
Gradient Function	Gradient function of TC1000-G helps users to optimize the experiment condition
Large-capacity memory	256 programs can be stored
Easy to operate	7" Large color touch screen, excellent graphical interface, easy programming with adjustable lid



• Friendly interface

• Unique design

• Accurate result

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Thermo Cycler TC1000-G/TC1000-S

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Technical data

Sample Capacity	96X0.2mL PCR tube; 8X12 PCR plate or 96 well plate
Heating Temperature Range	4-105℃
Lid Temperature Range	30-110℃
Temperature Display Accuracy	0.1℃
Temperature Control Accuracy [@55℃]	±0.3℃
Temperature uniformity[@ 55℃]	<0.3℃
Max. Heating/Cooling Rate	3℃/Sec
Gradient Temperature Setting Range	30-99℃(TC1000-G)
Gradient Range	1-42℃(TC1000-G)
Adapter block material	aluminum
Display	7" 800x480mm LCD
Input	Touch panel
User defined file system	30 segments 99 cycle max. 16 folder and 16 files each folder max.
Power off protection	yes
Power Supply	100-120V/200-240V,50/60Hz
Dimensions[W×D×H]	280×370×250mm
Weight	11kg

Ordering Information

Cat. No.	P/N	Description	Power supply
5034102300	TC1000-G	Gradient Thermo cycler	USA plug,100V-120V/50Hz/60Hz
			Cn plug, 200V-240V/50Hz/60Hz
			Euro plug, 200V-240V/50Hz/60Hz
			UK plug, 200V-240V/50Hz/60Hz
5034101300	TC1000-S	Thermo cycler	USA plug,100V-120V/50Hz/60Hz
			Cn plug, 200V-240V/50Hz/60Hz
			Euro plug, 200V-240V/50Hz/60Hz
			UK plug, 200V-240V/50Hz/60Hz

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Spectrophotometer

SP-V1000/SP-UV1000/SP-V1100/ SP-UV1100



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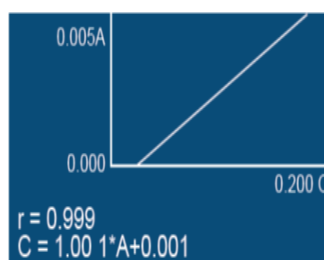
The spectrophotometer is an indispensable instrument used routinely for quantitative analysis in the fields including biotechnology and quality control of new material developed. **V Series provide high resolution, high performance and excellent stability.**

Advantages for the user	Features
User Friendly Operation and Information Rich LCD Display	The large 128 x 64 dots, backlit LCD screen with adjustable brightness control displays a large array of data also in graphical format.
Auto setting wavelength	To set wavelength automatically to calibrate the system through arrow keys to avoid operation errors.
PC control through wave professional application software&	Fully equipped and capable of executing all functions in stand-alone mode. The optional application software provides computer control for the spectrophotometer (through the built-in USB port), such as spectrum scan, Time scan (kinetics), multi wavelength scanning & Nucleic Acid /Protein measurement.(SP-V1100/SP-UV1100)
On-Board Data Storage	The System can save the test results, up to 200 groups of data and 200 standard curves in the RAM memory
Large sample compartment	To accommodate 5 – 100mm path length cuvette with optional holders.

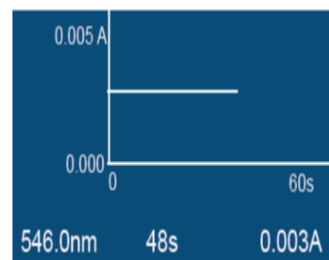
Basic Mode

546.0nm 0.001A		
No.	WL.	Abs.
1	230.0	0.001
2	340.0	0.000
3	450.0	0.002
4	540.0	0.000
5	620.0	0.003

Quantitative



Kinetics



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Spectrophotometer

SP-V1000/SP-UV1000/SP-V1100/ SP-UV1100



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SP-V1000



SP-UV1000



SP-V1100



SP-UV1100

Technical data

Model	SP-V1000	SP-UV1000	SP-V1100	SP-UV1100
Optical System	Single Beam			
Light Source	Tungsten lamp	Tungsten lamp& Deuterium lamp	Tungsten lamp	Tungsten lamp &Deuterium lamp
Spectral Bandwidth	4.0nm		2.0nm	
Wavelength Range	325~1000nm	200~1000nm	320~1100nm	190~1100nm
Wavelength Accuracy	±2nm		±0.5nm	
Wavelength Repeatability	≤1nm		≤0.3nm	
Photometric Range	-0.3 ~ 3.0 A , 0 ~ 200 %T			
Photometric Accuracy	±0.003 A @ 0.5 A , ±0.006 A @ 1.0 A , ±0.5 %T @ 100		±0.002 A @ 0.5 A , ±0.004 A @ 1.0A , ±0.3 % T @ 100 %T	
Photometric Repeatability	≤0.0015 A @ 0.5 A , ≤0.003 A @ 1.0 A , ≤0.25		≤0.001 A @ 0.5 A , ≤0.002 A @ 1.0A , ≤0.15 %T @ 100 %T	
Stability	≤0.002 A/h @ 500 nm (after preheat 2 hours)			
Stray Light	≤0.2@ 360 nm	≤0.2@ 220& 360 nm	≤0.05@ 360nm	≤0.05@ 220 & 360 nm
Sample Compartment	4-position, 10mm path length cuvette			
Display	LCD			
Output	USB Port & Parallel Port (Printer)			
Dimensions(L×W×H)	490×360×210 mm			
Weight	10kg	12kg	10kg	12kg

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Spectrophotometer

SP-V1000/SP-UV1000/SP-V1100/ SP-UV1100



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Ordering Information

Cat. No.	Version No.	P/N	Description
4010110100	0902037777	SP-UV1000	200~1000nm Tungsten lamp & Deuterium lamp
4010120100	0303027777	SP-UV1100	190~1100nm Tungsten lamp & Deuterium lamp
4010210100	0303027777	SP-V1000	325~1000nm Tungsten lamp
4010220100	0303027777	SP-V1100	320~1100nm Tungsten lamp

Accessories

Cat. No.	Descriptions
18900331	4-CELL HOLDER FOR 10MM SQU.CUVETTE
18900332	4-CELL HOLDER FOR 10MM TO 50MM SQU.CUVETTE(A)
18900333	4-CELL HOLDER FOR UP TO 100MM SQU.CUVETTE (A)
18900334	CYLINDRICAL CELL HOLDER(ø16mm) (A)
18900335	10MM WATER-JACKETED 1-CELL HOLDER (A)
18900336	10MM WATER-JACKETED 4-CELL HOLDER (A)
18900337	MICRO CELL HOLDER
18900338	TEST TUBE HOLDER(ø8-ø22mm)(A)
18900339	SOLID SAMPLE HOLDER(ø1.5mm--3mm , 1-POSITION)(A)
18900340	8-POSITION AUTO CELL CHANGER
18900341	12V20W HALOGEN LAMP (PHILIPS)
18900342	MILAS DEUTERIUM LAMP10V300mA 30W

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Dry Bath HB120-S

DLAB
Your Accessible Solution

**High
Temperature
Accuracy**



Advantages for the user	Features
High precision temperature control	Temperature up to 120°C and lid avoids evaporation of solution
Time function	Timing from 1 min~99h59min
More safe	Overheating protection, digital control display
Wide range of blocks	Seven types of blocks covered by a lid are available ranging from 0.2ml-50ml

Cat.No.

Block types

Capacity

**Diameter
Depth**

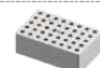
18900218



0.2mLx54

6.4mm
15mm

18900219



0.5mLx40

8.2mm
26.4mm

18900253
(1.5ml)

18900220
(2ml)



1.5/2mLx40

11mm
34.7mm

18900221



5/15mLx28

17mm
48mm

18900222



50mLx8

29.8mm
48mm

18900224



0.2mL+0.5mL+1.5/2mL
18+18+18

-

18900223



96 or 384 well plate

-



Adapter block selection



Overheating protection



Timer



LED display



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Dry Bath HB120-S

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Technical data

Function	Heating
Temperature range	Room temp.~120°C
Temperature control accuracy	± 0.5°C
Temperature uniformity	± 0.5°C
Max heating rate	5.5°C/min
Timer	1min-99h59min
Screen	LED
Over temperature protection	140°C
Adapter block material	aluminum
Voltage, Frequency	100-120V/220-240V,50Hz/60Hz
Power	160W
Dimensions [W×D×H]	95x150x50mm
weight	3kg

Ordering Information

Cat. No.	Power supply
5032101200	USA plug,100V-120V/50Hz/60Hz
	Cn plug, 200V-240V/50Hz/60Hz
	Euro plug, 200V-240V/50Hz/60Hz
	UK plug, 200V-240V/50Hz/60Hz

Accessories

Cat. No.	Description
18900218	Heating block, used for 0.2mL tubes, 54 holes
18900219	Heating block, used for 0.5mL tubes, 40 holes
18900253	Heating block, used for 1.5mL tubes, 40 holes
18900220	Heating block, used for 2mL tubes, 40 holes
18900221	Heating block, used for 5/15mL tubes, 28 holes
18900222	Heating block, used for 50mL tubes, 8 holes
18900223	Heating block, used for 96/384 microplate
18900224	Heating block, used for 0.2mL, 0.5mL and 1.5/2mL tubes , 18 holes each volume
18900274	Heating block, used for 0.2mL tubes, 54 holes (thin)
18900275	Heating block, used for 0.5mL tubes, 40 holes (thin)
18900276	Heating block, used for 1.5mL tubes, 40 holes (thin)
18900277	Heating block, used for 2mL tubes, 40 holes (thin)
18900279	Heating block, used for 96/384 microplate (thin)
18900278	Heating block, used for 0.2mL, 0.5mL and 1.5/2mL tubes , 18 holes each volume (thin)

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Thermo Mix

HCM100-Pro

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Heating
Cooling and
Mixing



Advantages for the user	Features
High precision temperature control	Uniform block temperature, time control accuracy@20~45℃ is ±0.5℃
Multifunctional	Combination of Heating, Cooling & Mixing functions in one machine
Wide range of blocks	8 types of blocks are ranging from 0.2ml-50ml
Timer function	Timing from 1 min~99h59min
Programmable	9 programs can be stored
Safety measures	Over heating protection and auto-recognition of the blocks

We also provide simplified model of thermo mix



HM100-Pro, Heating & Mixing



HC110-Pro, Heating & Cooling

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Thermo Mix

HCM100-Pro



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8 types of blocks are available, range from 0.2~50ml

Cat.No.	Blocks	Speed	Capacity	Diameter x Deep
18900238		1500 RPM	24 x 0.5ml	8.1x26mm
18900237		1500 RPM	24x 1.5ml	10.9x31mm
18900239		1500 RPM	24x 2ml	10.6x26mm
18900240		1500 RPM	8x 5ml	13.6x36mm
18900241		800 RPM	8x 15ml	16.5x95mm
18900242		600 RPM	4x 50ml	28.7x75mm
18900244		1500 RPM	well plate	-
18900243		1500 RPM	0.2ml x 96 PCR plate	-

Comparison of thermo mix with water bath

S.No.	Dry bath & Thermo mix	Water bath
1	Wide heating range	The boiling point of water
2	Varieties of blocks	Need buoy to make tubes in water, difficult to mark
3	Small body, easy to move	Heavy, hardly move
4	Without contamination	Easily cause contamination
5	Programming and overheat protection	Need adding water for long time use
6	Easy maintenance	Easy form incrustation

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Thermo Mix

HCM100-Pro



Your Accessible Solution

Technical data

Function	Heating, cooling & mixing
Temperature range	Heating: Room temp.~100°C; cooling: Room temp.~ below room temp.15
Temperature control accuracy [@20–45°C]	± 0.5°C
Temperature uniformity[@20–45°C]	Max ± 0.5 °C
Max. heating rate	5.5°C/min
Max. cooling rate	5 °C /min(110°C-room temp.); 0.5 °C/min (below room temp.)
speed range	300-1500rpm
Mixing diameter	3mm
Screen	TFT
Program step	6
Over temperature protection	150°C
Adapter block material	Aluminum
Voltage, Frequency	100-120V/220–240V,50Hz/60Hz
Power	200W
Dimensions [W×D×H] (without the heating block)	200×235×120mm
Weight	7.3kg

Ordering Information

Cat. No.	P/N	Description	Power supply
5032103100	HCM100-Pro	LCD digital Thermo Mix with heating, cooling, mixing	USA plug,100V-120V/50Hz/60Hz
			Cn plug, 200V-240V/50Hz/60Hz
			Euro plug, 200V-240V/50Hz/60Hz
			UK plug, 200V-240V/50Hz/60Hz
5032102100	HC110-Pro	LCD digital Thermo Mix with heating, cooling	USA plug,100V-120V/50Hz/60Hz
			Cn plug, 200V-240V/50Hz/60Hz
			Euro plug, 200V-240V/50Hz/60Hz
			UK plug, 200V-240V/50Hz/60Hz
5032104100	HM100-Pro	LCD digital Thermo Mix with heating, mixing	USA plug,100V-120V/50Hz/60Hz
			Cn plug, 200V-240V/50Hz/60Hz
			Euro plug, 200V-240V/50Hz/60Hz
			UK plug, 200V-240V/50Hz/60Hz

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Rotary Evaporator RE100-Pro

D LAB
Your Accessible Solution

Highly cost
effective with
large cooling
surface area



Advantages for the user	Features
Automatic motor lift	Motorized lift releases the evaporating flask to a safe position in case of power failure
Unique design of condenser	three-layered and large cooling surface design improves the cooling efficiency
Patented double sealing ring	Double sealing ring was made of PTFE, providing high chemical resistance
Easy to operate	Integrated design and large LCD display of both rotation speed and heating temperature allows for optimal controlling of all distillation processes. Ejection mechanism ensures easy removal of evaporating flask.



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Rotary Evaporator RE100-Pro



Your Accessible Solution

Technical data

Motor type	Brushless DC motor
Speed Range	20-280 rpm
Display	LCD (speed, temperature, time)
Clockwise and anti-clockwise	Yes
Heating Temperature Range	Room temp. to 180 C
Control Accuracy	±1 C
Heating power	1300 W
Stroke displacement	automatic 150 mm
Timer	Yes
Time Setting Range	1-999 min
Dimensions [D×W×H]	465×457×583 mm
Weight	15 kg
Permissible Ambient Temperature	5-40°C
Permissible Relative Humidity	80%
Protection Class	IP20
USB Interface	Yes
Voltage/Frequency	100-120/200-240V 50/60 Hz
Power	1400 W

Ordering Information

Cat. No.	Description	Power supply
6030110111	Rotary Evaporator with set of glassware vertical (1000ml)	USA plug, 100-120V, 50/60Hz
		Cn plug, 220-240V, 50/60Hz
		Euro plug, 220-240V, 50/60Hz
		UK plug, 220-240V, 50/60Hz

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Magnetic stirrers

DLAB
Your Accessible Solution

Most
Comprehensive
Line

Magnetic stirrers

overview

DLAB magnetic hotplate stirrers include all leading safety standards and features for superior ease of use and reduced cost of ownership. They are widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals.

Non-Heating series



Eco-Stir



MS-S



MS7-S



MS-PA



MS-PB



Flat Spin



MS-M-S10



MS-H-S10



MS-C-S1



MS-C-S4

Heating series



120°C
MS-H-S10



280°C
MS-H280-Pro



340°C
MS-H-S/MS-H-Pro+/MS-H-ProT



550°C
MS-H-550-Pro/MS7-H550-S

- DLab has Hot plate Magnetic Stirrers in a wide temp. range from 120°C to 510°C
- High magnetic adhesion prevents stirrer spin bar out of control
- Multi position Magnetic Stirrers are made up of Stainless steel work plate cover with silicone cushion to ensure skid resistance

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Magnetic stirrers Non-Heating Series

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MS7-S

7" Square Magnetic Stirrer

Advantages for the user	Features
Chemical resistant work plate	7" inch Glass Ceramic coating with stainless steel provides scratch resistance also.
Strong magnetism	Max. stirring quantity[H ₂ O] is 10L
High Stirring Speed	0-1500rpm

MS-S

5" Square Magnetic Stirrer



Advantages for the user	Features
Chemical resistant work plate	5" inch Ceramic coating with stainless steel
Maintenance free motor with strong magnetism	Brushless DC motor with Max. stirring quantity of H ₂ O is 20L
High stirring Speed	0-1500rpm



MS-PA

LED Magnetic Stirrer

MS-PB

Magnetic Stirrer



Advantages for the user	Features
ABS casing work plate	ABS casing with heat resistance and resistance to weak acids and alkalis
LED display	LED display shows speed (MS-PA)
High speed stirring	Speed range of 0-1500rpm with Max. stirring quantity 3L

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Magnetic stirrers Non-Heating Series



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Technical data

	MS7-S	MS-S
Dimensions of work plate	184×184mm (7inch)	φ135mm (5 inch)
Work plate material	Glass ceramic	Stainless steel cover with ceramic
Motor type	Shaded pole motor	Brushless DC motor
Motor input power	15W	18W
Motor output power	1.5W	10W
Power	30W	30W
Voltage	100-120/200-240V, 50/60Hz	100-120/200-240V, 50/60Hz
Stirring positions	1	1
Max. stirring quantity [H2O]	10L	20L
Max. magnetic bar [length]	80mm	80mm
Speed range	0-1500rpm	0-1500rpm
Speed display	Scale	Scale
Protection class	IP21	IP42
Dimension [W×D×H]	215×360×112mm	160×280×85mm
Weight	3.8kg	2.8kg
Permissible ambient temperature and humidity	5-40°C, 80%	5-40°C, 80%

Specifications	MS-PA	MS-PB
Dimension of work plate	φ135mm (5inch)	φ135mm (5inch)
Work plate material	ABS	ABS
Motor type	DC motor	DC motor
Motor input power	5W	5W
Motor output power	3W	3W
Power	15W	10W
Voltage	100-120/200-240V, 50/60Hz	100-120/200-240V, 50/60Hz
Stirring positions	1	1
Max. stirring quantity [H2O]	3L	3L
Max. magnetic bar [length]	50mm	50mm
Speed range	100-1500rpm	0-1500rpm
Speed display	LED	Scale
Protection class	IP42	IP42
Dimension [W x D x H]	150×260×80mm	150×260×80 mm
Weight	1.8kg	1.8kg
Permissible ambient temperature and humidity	5-40°C, 80%	5-40°C, 80%

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Magnetic stirrers Non-heating series

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**Multi
position**



MS-M-S10

10-Position Magnetic Stirrer



MS-M-S16

16-Position Magnetic Stirrer

Advantages for the user	Features
Multi-position magnetic stirrers minimizes bench space	10 stirring positions with a possibility for Parallel experiments.
Anti-slip and Anti-corrosion silicone surface	Stainless steel work plate cover with silicone film prevents skid

Technical data

Specifications	MS-M-S10	MS-M-S16
Dimensions of work plate [W x D]	180×450mm	365×345mm
Work plate material	Stainless steel with silicone Film	Stainless steel with silicone Film
Motor type	Brushless DC motor	DC motor
Motor input power	12W	12W
Motor output power	4W	4W
Power	20W	20W
Voltage	100-120/200 240V, 50/60Hz	100-120/200-240V,
Stirring positions	10	16 (4 channel)
Max. stirring quantity [H2O]	0.4L×10	0.4L×16
Max. magnetic bar [length]	40mm	40mm
Speed range	0-1100rpm	0-1100rpm
Speed display	Scale	Scale
Protection class	IP21	IP21
Dimension [W x D x H]	182×622×65mm	380×622×65mm
Weight	3.2kg	6kg
Permissible ambient temperature	5-40°C, 80%	5-40°C, 80%

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Magnetic stirrers Non-Heating Series—FlatSpin

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Your Accessible Solution

**Ultra-flat
and motor
less**



FlatSpin

Ultra-Flat Compact Magnetic Stirrer

Advantages_for the user	Features
Occupies less bench space and makes storage easier	Portable With Ultra-thin body (if even facilitates the use of bottle dispensers)
Switchable reverse rotation	Automatic reverse rotation for excellent mixing at required speed from 15 to
Ultra silence and vibration-free	Motor free magnetic stirrer with a max. stirring capacity of 0.8L

Technical data

Specifications	Flat spin
Dimension of work plate	φ90mm
Work plate material	PET
Motor output power	3W
Power	5W
Voltage	100-120/200-240,V50/60Hz
Stirring positions	1
Max. stirring quantity [H ₂ O]	0.8L
Max. magnetic bar [length]	40mm
Speed range	15-1500rpm
Speed setting	Button system
Protection class	IP65
Dimension [W × D × H]	175×120×15mm
Weight	0.3kg
Permissible ambient temperature and humidity	5-40°C, 80%

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Magnetic stirrers Non-Heating Series—Ecostir

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**Truly
Economic !!!**

Ecostir

Economical Magnetic Stirrer



Advantages for the user	Features
Powerful stirring	Max. speed range is 2000rpm, with strong magnetic effect for up to 1.5 L
Maintenance free motor	Brushless DC motor
Good cost performance	Low price and high quality
PET top provides good chemical resistance	Shaft can be fitted with a PH sensor or sensors for other purposes

Technical data

Dimension of work plate	φ120mm
Work plate material	PET
Motor type	Brushless DC motor
Motor output power	1.2W
Power	7.2W
Voltage	100-120/200-240V, 50/60Hz
Stirring positions	1
Max. stirring quantity [H2O]	1.5L
Max. magnetic bar [length]	40mm
Speed range	300-2000prm
Speed setting	scale
Protection class	IP21
Dimension [W × D × H]	150×145×50mm
Weight	0.3kg
Permissible ambient temperature and humidity	5-40°C, 80%

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Magnetic stirrers Non-Heating series—Cell Culture

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Specialized for
Cell Culture
Stirring



MS-C-S4

(4-position cell culture Stirrer)

Individual speed adjustment is not possible

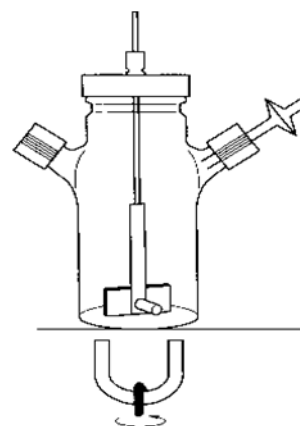


MS-C-S1

(Single position cell culture)

Advantages for the user	Features
Design for cell culture	Specific application and only a few competing models
Low and stable speed	Low speed prevents cell breakage
Non- heating motor	Keeps the cell culture temperature stable
Low price	At affordable cost compared to other brands

- cell suspension culture or micro carrier culture design with low speed and soft stir method to prevent cell breakage.
- Special flask spinner, with stirring paddle hanging in the flask, without touching the bottom is useful for better mixing.



Flask Spinner

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Magnetic stirrers Non-Heating Series—Cell Culture



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Comparison with other brands

	DLAB	Brand A	Brand B	Brand C	Brand D
Speed	5-200rpm	5-75rpm	5-200rpm	10-150rpm	0-80rpm
Timer	0-49min50s	✓	✓	×	✓
Max. stirring quantity	3L	4L	3L	2L	5L
Temperature and humidity	5-40°C , 80%	✓	✓	80%	40°C , 95%
CO₂ incubator	✓	✓	✓	✓	✓
Functions	Constant speed, interval, circulation, double speed mode	Program interval, cycle, external controller	Constant speed, interval, double speed mode	— —	Interval stir
Price	Low	High	High	Middle	Middle

Technical data

	MS-C-S1	MS-C-S4
Dimension of work plate	φ105mm	φ105mm×4
Work plate material	Cast Aluminum	
Motor type	Stepper Motor	
Motor output power	15W	
Voltage	100-120/200-240V, 50/60Hz	
Stirring positions	1	4
Max. stirring quantity [H₂O]	3L	3L×4
Max. magnetic bar [length]	80mm	
Speed range	5-200rpm (resolution ±1rpm)	
Speed display	LED	
Timer function	0-49min59s	
Data connector	RS232	
Protection class	IP21	
Dimension [W × D × H]	205×250×90mm	395×450×90mm
Weight	2.5kg	5.5kg
Permissible ambient tempera-	5-40°C, 80%	

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Magnetic stirrers Non-heating series

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Ordering Information

Cat. No.	Item	Description
8030122000	MS7-S	Classic 7" Square Plate Magnetic Stirrer, glass ceramics plate
8030211000	MS-S	Classic 5" round Magnetic Stirrer , stainless steel with ceramic coated plate
8030104200	MS-PA	LED Digital Magnetic Stirrer, plastic plate
8030104000	MS-PB	Classic Magnetic Stirrer, plastic plate
8030140000	MS-M-S10	10-Channel Classic Magnetic Stirrer
8030150000	MS-MOS16	16-Channel Classic Magnetic Stirrer
8030184000	FlatSpin	Ultra-flat Compact magnetic stirrer
8010194000	EcoStir	3.5inch work plate
8030160200	MS-C-S1	Magnetic Stirrer for cell culture, single channel
8030170200	MS-C-S4	Magnetic Stirrer for cell culture, four channels

Accessories—stir bar

Cat. No.	Item	Description
18900006	MSBAR10	Stirrer bar(10mm x 6mm), 1pc/pk
18900007	MSBAR15	Stirrer bar(15mm x 8mm), 1pc/pk
18900008	MSBAR20	Stirrer bar(20mm x 8mm), 1pc/pk
18900009	MSBAR25	Stirrer bar(25mm x 8mm), 1pc/pk
12500005	MSBAR30	Stirrer bar(30mm x 6mm), 1pc/pk
18900011	MSBAR40	Stirrer bar(40mm x 8mm), 1pc/pk
12500004	MSBAR50	Stirrer bar(50mm x 8mm), 1pc/pk
18900013	MSBAR65	Stirrer bar(65mm x 8mm), 1pc/pk
18900014	MSBAR80	Stirrer bar(80mm x 13mm), 1pc/pk
18900015	MARRM	Stirrer bar remover, length of 200mm, 1pc/pk

Accessories—Spinner flask

Cat. No.	P/N	Description
18900235	CLS-1410-500	Spinner Flask, 500ml, Standard, Flat Bottom
18900236	CLS-1410-3L	Spinner Flask, 3000ml, Standard, Flat Bottom

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Magnetic stirrers

120°C series—MS-H-S10



Your Accessible Solution

**Multi
Position
Heating!!!**



Advantages for the user	Features
Big capacity improve work efficiency and fit for parallel experiments	10-position magnetic hotplate stirrer for 0.4Lx10
prevents skidding	Stainless steel work plate cover with silicone cushion prevents skidding
Maintenance free motor	Brushless DC motor

Technical data

Dimension of work plate [W x D]	180x450mm
Work plate material	Stainless steel with silicone
Motor type	Brushless DC motor
Power	490W
Voltage	100-120/200-240V 50/60Hz
Stirring positions	10
Max. stirring quantity	0.4L x 10
Max. magnetic bar [length]	40mm
Speed range	0-1100rpm
Speed display	scale
Temperature display	scale
Heating temperature range	Room temp. - 120°C
Over temperature protection	140°C
Protection class	IP42
Dimension [W x D x H]	182x552x65mm
Weight	3.2kg
Permissible ambient temperature	5-40°C, 80%

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280°C series—MS-H280-Pro



Your Accessible Solution

**Basic and
Economical
solution**



Advantages for the user	Features
More commonly used temperature range	Max. temperature 280°C for 3L satisfy most basic requirements
High chemical resistant work plate	Stainless steel cover with ceramic work plate and DC motor
Collar design	Prevents heat loss
LED display, easy to operate	LED display shows temperature and speed
"Hot" warning ensures the safe of operator	The "HOT" warning will flash when the plate temperature is above 50°C even the hotplate is turned off
Real-time detection of sample temperature	Connect with temperature sensor PT1000 to detect sample temperature

Technical data

Dimensions of work plate	φ135mm (5 inch)
Work plate material	stainless steel cover with ceramic
Motor type	DC motor
Power	515W
Voltage	100-120/200-240V 50/60Hz
Max. stirring quantity	3L
Max. magnetic bar [length]	50mm
Speed range	100-1500rpm
Speed and temperature display	LED
Heating temperature range	Room temp.-280, increment 1°C
Over temperature protection	320°C
Temperature display accuracy	±1°C
External temperature sensor	PT1000 (accuracy ±0.5°C)
"Hot" warning	50°C
Dimension [W x D x H]	150×260×80mm
Weight	1.8kg

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Magnetic stirrers

340°C series—MS-H-Pro^T/MS-H-Pro⁺/MS-H-S

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**For Heating
and Stirring**



MS-H-Pro^T



MS-H-Pro⁺



MS-H-S

Advantages for the user	Features
Can be used in chemical synthesis field	Stainless steel cover with ceramic plate and metal housing provides high chemical resistance
Maintenance free motor	Brushless DC motor
Timer Function (MS-H-Pro ^T)	MS-H-Pro ^T has a timer function from 1min to 99h 59min
“Hot” warning ensures the operator’s safety	The “HOT” warning will flash when the plate temperature is above 50°C even when the hot-plate is turned off
Real-time detection of sample temperature	Connect with temperature sensor PT1000 to detect sample temperature
Remote Function	Provide pc control and data transmission
Wide application	A wide variety of accessories are available



External sensor



Wide range of accessory

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Magnetic stirrers

340°C series—MS-H-Pro^T/MS-H-Pro⁺/MS-H-S



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Technical data

	MS-H-Pro ^T	MS-H-Pro ⁺	MS-H-S
Dimensions of work plate	φ135mm (5 inch)		
Work plate material	stainless steel cover with ceramic		
Motor type	Brushless DC motor		
Motor rating input	18W		
Motor rating output	10W		
Power	550W		530W
Heating output	500W		
Voltage	100-120/200-240V 50/60Hz		
Stirring positions	1		
Max. stirring quantity[H ₂ O]	20L		
Max. magnetic bar [length]	80mm		
Speed range	100-1500rpm, Resolution ±1rpm		
Speed display	LCD		Scale
Temperature display	LCD		Scale
Heating temperature range	Room temp.- 340°C, increment 1°C		
Control accuracy of work plate	±1°C(<100°C); ±1%(>100°C)		—
Over temperature protection	360°C		350°C
Temperature display accuracy	±0.1°C		±0.5°C
External temperature sensor	PT1000 (accuracy ±0.2)		—
"Hot" warning	50°C		—
Timer function	1min-99h59min	—	—
Data connector	RS232		—
Protection class	IP42		
Dimension [W x D x H]	160×280×85mm		
Weight	2.8kg		
Permissible ambient temperature and humidity	5-40°C, 80%		

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Magnetic stirrers

550°C series—MS7-H550-Pro/MS-H550-S

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For Highest Temperature



MS7-H550-Pro



MS7-H550-S

Advantages for the user	Features
Less competition	Very few manufacturers only provide these products
Can be used in chemical synthesis field	Glass ceramic work plate provides high chemical resistance
Maintenance free motor (MS7-H550-Pro)	Brushless DC motor for MS7-H550-Pro
LCD display (MS7-H550-Pro)	LCD display shows speed and temperature
“Hot” warning ensures the safe of operator	The “HOT” warning will flash when the plate temperature is above 50°C even the hotplate is turned off
Real-time detection of sample temperature	Connect with temperature sensor PT1000 to detect sample temperature
Remote Operation	Provide pc control and data transmission
Wide application	A wide variety of accessories are available



Wide range of accessory



Wide range of accessory

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Magnetic stirrers

Heating series



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Accessories



	Cat. No.	Description	MS7-H550-	MS7-H550-S	MS-H-Pro ⁺	MS-H-Pro ^T	MS-H-S	MS-H280-Prp
1	18900001	Blue carrying plate, use with color quarter pies			✓	✓	✓	✓
2	18900065	Blue Fixed ring, use with color quarter pies			✓	✓	✓	✓
3	18900002	Red quarter pie, 11 holes, 4 mL reaction vessel, .15.2mm, 20mm depth	✓	✓	✓	✓	✓	✓
4	18900003	Purple quarter pie, 4 holes, 20 mL reaction vessel, .28mm, 24mm depth	✓	✓	✓	✓	✓	✓
5	18900004	Blue quarter pie, 4 holes, 30mL reaction vessel, .28mm, 30mm depth	✓	✓	✓	✓	✓	✓
6	18900005	Black quarter pie, 4 holes, 40mL reaction vessel, .28mm, 43mm depth	✓	✓	✓	✓	✓	✓
7	18900048	Green quarter pie, 6 holes, 8mL reaction vessel, .17.8mm, 26mm depth	✓	✓	✓	✓	✓	✓
8	18900049	Golden quarter pie, 4 holes, 16mL reaction vessel, .21.6mm, 31.7mm depth	✓	✓	✓	✓	✓	✓
9	18101006	Reaction block for 50mL round bottom flask (one flask capacity)			✓	✓	✓	✓
10	18101007	Reaction block for 100mL round bottom flask (one flask capacity)			✓	✓	✓	✓
11	18101008	Reaction block for 250mL round bottom flask (one flask capacity)			✓	✓	✓	✓
12	18101009	Reaction block for 500mL round bottom flask (one flask capacity)			✓	✓	✓	✓
13	18900019	F101 protective cover, temperature resistance of 135°C			✓	✓	✓	✓
14	18900016	PT1000-A, length of 230mm	✓	✓	✓	✓		✓
15	18900136	PT1000-B, temperature sensor with glass coated, length of 230mm	✓	✓	✓	✓		✓
16	18900017	Support clamp of PT1000	✓	✓	✓	✓		
17	18900148	Support clamp of PT1000						✓

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Magnetic stirrers

550°C series—MS7-H550/MS-H550-S



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Technical data

	MS7-H550-Pro	MS7-H550-S
Dimensions of work plate [W x D]	184x184mm (7 inch)	184x184mm (7 inch)
Work plate material	Glass ceramic	Glass ceramic
Motor type	Brushless DC motor	Shaded pole motor
Motor rating input	18W	15W
Motor rating output	10W	1.5W
Power	1050W	1030W
Heating output	1000W	1000W
Stirring positions	1	1
Max. stirring quantity, [H2O]	20L	10L
Magnetic bar max. length	80mm	80mm
Speed range	100-1500rpm, resolution ± 1 rpm	0-1500rpm
Speed display	LCD	Scale
Temperature display	LCD	LED
Heating temperature range	Room Temp.-550°C, increment 1°C	Room temp.-550°C, increment 5°C
Control accuracy of work plate	$\pm 1^\circ\text{C}$ (<100°C) $\pm 1\%$ (>100°C)	$\pm 10^\circ\text{C}$
Over temperature protection	580°C	580°C
Temperature display accuracy	$\pm 0.1^\circ\text{C}$	$\pm 1^\circ\text{C}$
External temperature sensor	PT1000 (accuracy ± 0.2)	PT1000 (accuracy ± 0.2)
"Hot" warning	50°C	50°C
Data connector	RS232	
Protection class	IP21	IP21
Dimensions [W x D x H]	215x360x112mm	215x360x112mm
Weight	5.3kg	4.5kg
Permissible ambient temperature & humidity	5-40°C, 80%	5-40°C, 80%

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Magnetic stirrers

Heating series



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Ordering Information

Series	Cat. No.	Item	Description
120°C	8030140013	MS-H-S10	10-Channel Classic Hotplate Magnetic Stirrer, stainless steel plate with silicone film, heating temperature up to 120°C
280°C	8030101212	MS-H280-Pro	Double LED Digital Hotplate Magnetic Stirrer, stainless steel with ceramic coated hotplate, heating temperature up to 280°C
340°C	8030201110	MS-H-Pro ^T	LCD Digital Hotplate Magnetic Stirrer with Timer, stainless steel with ceramic coated hotplate, heating temperature up to 340°C
	8030101110	MS-H-Pro ⁺	LCD Digital Hotplate Magnetic Stirrer, stainless steel with ceramic coated hotplate heating temperature up to 340°C
	8030106110	MS-H-Pro ⁺	LCD Digital Hotplate Magnetic Stirrer, aluminum hotplate, heating temp. up to 340°C
	8030211010	MS-H-S	Classic Hotplate Magnetic Stirrer, stainless steel with ceramic coated hotplate, heating temperature up to 340°C
550°C	8030122111	MS7-H550-Pro	LCD Digital 7" Square Hotplate Magnetic Stirrer, glass ceramic hotplate, heating temperature up to 550°C
	8030122211	MS7-H550-S	LED Digital 7" Square Hotplate Magnetic Stirrer, glass ceramic hotplate, heating temperature up to 550°C

Accessories—stir bar

Cat. No.	Item	Description
18900006	MSBAR10	Stirrer bar(10mm x 6mm), 1pc/pk
18900007	MSBAR15	Stirrer bar(15mm x 8mm), 1pc/pk
18900008	MSBAR20	Stirrer bar(20mm x 8mm), 1pc/pk
18900009	MSBAR25	Stirrer bar(25mm x 8mm), 1pc/pk
12500005	MSBAR30	Stirrer bar(30mm x 6mm), 1pc/pk
18900011	MSBAR40	Stirrer bar(40mm x 8mm), 1pc/pk
12500004	MSBAR50	Stirrer bar(50mm x 8mm), 1pc/pk
18900013	MSBAR65	Stirrer bar(65mm x 8mm), 1pc/pk
18900014	MSBAR80	Stirrer bar(80mm x 13mm), 1pc/pk
18900015	MARRM	Stirrer bar remover, length of 200mm, 1pc/pk

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Hotplate HP550-S

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Advantages for the user	Features
Designed for only heating	Max. temperature is 550°C
“Hot” warning ensures the safe of operator	In case the plate temperature is above 50°C even when the hotplate is turned off
Real-time detection of sample temperature	Connect with temperature sensor PT1000 to detect sample temperature

Technical data

Dimensions of work plate [W x D]	184×184mm (7 inch)
Work plate material	Glass ceramic
Power	1010W
Voltage Frequency	100-120/200-240V,50/60Hz
Heating Power	1000W
No. of heating positions	1
Heating temperature range	Room temp.~550°C, increment 5°C
Control accuracy of work plate	±10°C
Safety temperature	580°C
Temperature display	LED
Temperature display accuracy	±1°C
External temperature sensor	PT1000 (±0.5°C)
Heating warning	50°C
Protection class	IP2X
Dimensions [W x D x H]	215×360×112mm
Weight	4.5kg
Permissible ambient tempera-	5-40°C, 80%

Ordering Information

5031122211	HP550-S	LED Digital 7" Square Hotplate, glass ceramic hotplate, heating temperature up to 550°C
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Overhead stirrer

OS20-Pro/OS40-Pro/OS20-S/OS40-S



Your Accessible Solution

**Stirring with
High Torque**



OS20-Pro



OS40-Pro



OS20-S



OS40-S

Advantages for the user	Features
Digital display	LCD and LED display
Maintenance free motor	Brushless DC motor
Very safe	Safety circuits allow for safe stop function in overload conditions
Remote Control	RS232 interface- PC can control and document all operation values

Technical data

	OS40-Pro	OS20-Pro	OS40-S	OS20-S
Max. stirring quantity [H2O]	40L	20L	40L	20L
Motor type	Brushless DC motor			
Voltage	100-240V, 50/60 Hz			
Power	130W	70W	130W	70W
Speed range	50-2200rpm			
Speed display accuracy	±3rpm			
Speed display	LCD	LCD	LED	LED
Torque display	LCD		—	
Overload protection display	LED lights			
Max. torque	60Ncm	40Ncm	60Ncm	40Ncm
Max. Viscosity	50000mPas	10000mPas	50000mPas	10000mPas
Chuck range diameter	0.5-10mm			
Dimensions [W × H × D]	83 × 220 ×186mm			
Protection class	IP42			
Data connector	RS232		—	

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Overhead stirrer

OS20-Pro/OS40-Pro/OS20-S/OS40-S



Your Accessible Solution

Ordering Information

Cat. No.	Item	Description
8033200100	OS40-Pro	LCD Digital Enhanced Overhead Stirrer (Exclude universal stand), Max. stirring quantity 40L
8033100100	OS20-Pro	LCD Digital Overhead Stirrer (Exclude universal stand), Max. stirring quantity 20L
8033200200	OS40-S	LED Digital Enhanced Overhead Stirrer (Exclude universal stand), Max. stirring quantity 40L
8033100200	OS20-S	LED Digital Overhead Stirrer (Exclude universal stand), Max. stirring quantity 20L

Accessories

Cat. No.	Description
18900258	Universal plate stand (WxD: 20x31cm), including support holder(H: 78cm) and fixing device Grey
18900131	Universal plate stand(WxD: 20x31cm), including support holder(H: 78cm) and fixing device
18900071	Crossed stirrer, shaft length 40cm, stirrer diameter 5cm, 316L stainless steel
18900072	Straight stirrer, shaft length 40cm, stirrer diameter 6cm, 316L stainless steel
18900073	Blade stirrer, shaft length 40cm, stirrer diameter 6.8cm, 316L stainless steel
18900074	Centrifugal stirrer, shaft length 40cm, stirrer diameter 9cm, 316L stainless steel
18900075	Crossed stirrer, shaft length 35cm, stirrer diameter 6.5cm, PTFE coated
18900076	Straight stirrer, shaft length 35cm, stirrer diameter 7cm, PTFE coated
18900077	Blade stirrer, shaft length 35cm, stirrer diameter 6.8cm, PTFE coated
18900078	Centrifugal stirrer, shaft length 35cm, stirrer diameter 8.5cm, PTFE coated
18900330	Crossed stirrer, shaft length 40cm, stirrer diameter 5cm, 316L stainless steel (prevents the liquid spillage)



18900131



18900071



18900072



18900075



18900076

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Vortex MX-S/MX-F/MX-M

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**Effective
Mixing!!!**



MX-S



MX-F



MX-M

MX-S/MX-F

Advantages for the user	Features
Small and easy to use	Touch operation or continuous mode
Wide applications	Various adapters fit for different tubes
Stability on the table	Specially designed vacuum suction feet for body stable

MX-M

Advantages for the user	Features
Special design to accommodate microplates	Can be used for double microplates
Wide applications	Various adapters fit for different tubes
Maintenance free motor	Brushless DC motor



Standard Top

for <.30mm tubes and small vessels

Various adapters can be selected



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Vortex MX-S/MX-F/MX-M

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Accessories



VT1.2 Tube holding rod

used with tube adapters

Cat. No. 18900044

VT1.3 Universal top plate

Ø 100mm

Cat. No. 18900035



VT1.3.1 tube adapter

for 48 holes test tubes, Ø6mm

Cat. No. 18900020



VT1.3.2 tube adapter

for 15 holes test tubes, Ø10mm

Cat. No. 18900021



VT1.3.3 tube adapter

for 12 holes test tubes, Ø12mm

Cat. No. 18900022



VT1.3.4 tube adapter

for 8 holes test tubes, Ø16mm

Cat. No. 18900023



VT1.3.5 tube adapter

for 8 holes test tubes, Ø20mm

Cat. No. 18900024

VT1.3.6 Platform pad

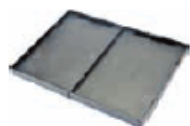
for <Ø99mm tubes and small vessels

Cat. No. 18900043



PS1.2 Microplate clamp

Cat. No. 18900042



MXM-116

Double microplate clamps

Cat. No. 18900079

VT1.3.7 vacuum chuck

made of rubber

Cat. No. 18900158

Accessories

VT1.1
VT1.2 + VT1.3.1
VT1.2 + VT1.3.2
VT1.2 + VT1.3.3
VT1.2 + VT1.3.4
VT1.2 + VT1.3.5
VT1.3 + VT1.3.6
VT1.3 + VT1.3.1
VT1.3 + VT1.3.2
VT1.3 + VT1.3.3
VT1.3 + VT1.3.4
VT1.3 + VT1.3.5

Adjustable speed model (0~2500rpm)

Touch mode
(High speed area)

Continuous model
(Low speed area)

Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
Y

Y
Y
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Y
Y
Y



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Rotators

MX-RD-Pro/MX-RD-E/MX-RL-Pro/MX-RL-E

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Your Accessible Solution

Very Flexible



MX-RD-Pro



MX-RD-E



MX-RL-Pro



MX-RL-E

Advantages for the user	Features
Different models	The available 4 types of rotators are round and linear, digital and economical
One machine double uses	The main body of MX-RD-Pro and MX-RL-Pro can be exchanged each other
Wide application	A wide variety of accessories are available

	MX-RD-E	MX-RD-Pro	MX-RL-E	MX-RL-Pro
Arguments				
Performance W/rpm	Two versions: for 10-70 (or 0-80 rpm s. below)			
Tilt Angle	Adjustable mixing angle between 0—90°		Mixing angle adjustment is not possible	
Comfort	Many accessories, up to 80 rpm	Speed control and optional timer, many accessories, LCD	Many accessories, up to 80 rpm	Speed control and optional timer, many accessories, LCD

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Rotators

MX-RD-Pro/MX-RD-E/MX-RL-Pro/MX-RL-E

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MX-RD-Pro

Technical data

Motor type	DC motor
Tilt angle	0-90°
Speed range	10-70rpm
Speed display	LCD
Timer display	LCD
Timer	1-1199min
Operation mode	Continuous / timer
Voltage	100-240V, 50/60Hz
Power	40W
Dimensions [D × W × H]	280 × 210 × 300mm
Permissible ambient temperature and humidity	5~40°C, 80%
Protection class	IP21



MX-RD-E

Technical data

Motor type	DC motor
Tilt angle	0-90°
Speed range	0-80rpm
Speed display	Scale
Timer display	Scale
Operation mode	Continuous
Voltage	100-240V, 50/60Hz
Power	20W
Dimensions [D×W×H]	300 × 220 × 310mm
Permissible ambient temperature and humidity	5~40°C, 80%
Protection class	IP21



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Rotators

MX-RD-Pro/MX-RD-E/MX-RL-Pro/MX-RL-E

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Varieties of accessories



Disk Accessories Type-1

Used for MX-RD-Pro
for 1.5mL x 60 centrifuge tubes holder

Cat. No.

18900160



Disk Accessories Type-2

Used for MX-RD-Pro
for 15mL x 16 centrifuge tubes holder

Cat. No.

18900161



Disk Accessories Type-3

Used for MX-RD-Pro
for 50mL x 8 centrifuge tubes holder

Cat. No.

18900162



Disk support rods

4 pcs in a group
use with disk accessories

Cat. No.

18900140



Rotisserie Accessory Type-1

Used for MX-RL-Pro, for 1.5mL x 48
centrifuge tubes held horizontally

Cat. No.

18900142



Rotisserie Accessory Type-2

Used for MX-RL-Pro, for 15mL x 24
centrifuge tubes held horizontally

Cat. No.

18900143



Rotisserie Accessory Type-3

Used for MX-RL-Pro, for 50mL x 24
centrifuge tubes held horizontally

Cat. No.

18900144



Rotisserie Accessory Type-4

Used for MX-RL-Pro, for 1.5mL x 32
centrifuge tubes held vertically

Cat. No.

18900145



Rotisserie Accessory Type-5

Used for MX-RL-Pro, for 15mL x 16
centrifuge tubes held vertically

Cat. No.

18900146



Rotisserie Accessory Type-6

Used for MX-RL-Pro, for 50mL x 16
centrifuge tubes held vertically

Cat. No.

18900147



Plastic Clips

Used with MX-RL-E/MX-RD-E
Disk/Rotisserie accessory, for
50mL, 15mL and 1.5mL
centrifuge tubes



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Rollers

MX-T6-S/ MX-T6-Pro



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Arguments	MX-T6-S	MX-T6-Pro
Performance	Six rollers positions are available in two versions: for 0-70 or 10-70 rpm	Many accessories
Comfort	Weight up to 4.5 Kg	Weight up to 5.1 Kg

MX-RL-Pro

Technical data

Motor type	DC motor
Speed range	10-70rpm
Speed display	LCD
Timer display	LCD
Timer	1-1199min
Operation mode	Continuous / timer
Voltage	100-240V, 50/60Hz
Power	40W
Dimensions [D × W × H]	220 × 510 × 260mm
Permissible ambient temperature and humidity	5~40°C, 80%
Protection class	IP21



MX-RL-E

Technical data

Motor type	DC motor
Speed range	0-80rpm
Speed display	Scale
Timer display	Scale
Operation mode	Continuous
Voltage	100-240V, 50/60Hz
Power	20W
Dimensions [D × W × H]	150 × 530 × 190mm
Permissible ambient temperature and humidity	5~40°C, 80%
Protection class	IP21



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Rotators and Rollers

Ordering Information



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Cat. No.	P/N	Descriptions
8031312000	MX-T6-S	Classic Tube Roller, variable speed, 6 rollers
8031312100	MX-T6-Pro	LCD Digital Tube Roller, variable speed, 6 rollers
8031412100	MX-RD-Pro	LCD Digital Rotator(including a 50ml disk accessory - 18900162), used with disk accessories,variable speed, adjustable mixing angle
8031402100	MX-RL-Pro	LCD Digital Rotator (including a 50ml rotisserie accessory - 18900147),used with rotisserie accessories,variable speed, adjustable mixing angle
8031412000	MX-RD-E	Rotator(including accessory-18900327/8/9), used with disk accessories,variable speed,
8031402000	MX-RL-E	Rotator(including accessory-18900327/8/9), used with rotisserie accessories,variable speed,

Accessories of Rotator

Cat. No.	P/N	Descriptions
18900160		Disk accessory, for 1.5ml x 60 centrifuge tubes holder, use with MX-RD-Pro
18900161		Disk accessory, 15ml x 16 centrifuge tubes holder, use with MX-RD-Pro
18900162		Disk accessory, 50ml x 8 centrifuge tubes holder, use with MX-RD-Pro
18900140		Disk support rods, 4 pcs, use with disk accessories
18900142		Rotisserie accessory, for 1.5ml x 48 centrifuge tubes held horizontally, use with MX-RL-Pro
18900143		Rotisserie accessory, for 15ml x 24 centrifuge tubes held horizontally, use with MX-RL-Pro
18900144		Rotisserie accessory, for 50ml x 24 centrifuge tubes held horizontally, use with MX-RL-Pro
18900145		Rotisserie accessory, for 1.5ml x 32 centrifuge tubes held vertically, use with MX-RL-Pro
18900146		Rotisserie accessory, for 15ml x 16 centrifuge tubes held vertically, use with MX-RL-Pro
18900147		Rotisserie accessory, for 50ml x 16 centrifuge tubes held vertically, use with MX-RL-Pro
18200995		Disk and Rotisserie accessory, for 1.5mlx 12 centrifuge tubes, use with MX-RL-E and MX-RD-E POM
18200996		Disk and Rotisserie accessory, for 15mlx 12 centrifuge tubes, use with MX-RL-E and MX-RD-E POM
18200997		Disk and Rotisserie accessory, for 50mlx 12 centrifuge tubes, use with MX-RL-E and MX-RD-E POM
18900327		Disk and Rotisserie accessory, for 1.5mlx 12 centrifuge tubes, use with MX-RL-E and MX-RD-E PC
18900328		Disk and Rotisserie accessory, for 15mlx 12 centrifuge tubes, use with MX-RL-E and MX-RD-E PC
18900329		Disk and Rotisserie accessory, for 50mlx 12 centrifuge tubes, use with MX-RL-E and MX-RD-E PC

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Orbital Shakers

SK-O180-Pro/SK-O330-Pro/SK-O180-E/ SK-O180-S



Your Accessible Solution



SK-O180-Pro

SK-O330-Pro

Orbital diameter	4mm	10mm
Max. load capacity (with platform)	2.5kg	7.5kg
Motor type	Brushless DC motor	Brushless DC motor
Motor input power	28W	28W
Motor output power	15W	15W
Speed range	100-800rpm	100-500rpm
Speed display	LCD	LCD
Timer display	LCD	LCD
Time settings range	1min-19h59min	1min-19h59min
Voltage	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	30W	30W
Weight	8.1kg	13.5kg
Permissible ambient temperature and humidity	5-40°C, 80%	5-40°C, 80%
Dimensions [W × D × H]	300 × 340 × 100mm	370 × 420 × 100mm
Protection class	IP21	IP21
Data connector	RS232	RS232

SK-O180-E

SK-O180-S

Orbital diameter	20mm	20mm
Max. load capacity (with platform)	3kg	3kg
Motor type	DC motor	DC motor
Motor input power	16W	16W
Motor output power	10W	10W
Speed range	0-200rpm	40-200rpm
Speed display	100-240V, 50/60Hz	LED
Timer display	30W	LED
Time settings range	3.1kg	1min-19h59min
Voltage	5-40°C, 80%	100-240V, 50/60Hz
Power	270 × 330 × 110mm	30W
Weight	IP21	3.1kg
Permissible ambient temperature and humidity		5-40°C, 80%
Dimensions [W × D × H]		270 × 330 × 110mm
Protection class		IP21

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Orbital Shakers

SK-L180-Pro/SK-L330-Pro/SK-L180-E/ SK-L180-S



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	SK-L180-Pro	SK-L330-Pro
Amplitude	4mm	10mm
Max. load capacity (with platform)	2.5kg	7.5kg
Motor type	Brushless DC motor	Brushless DC motor
Motor input power	28W	28W
Motor output power	15W	15W
Speed range	100-350rpm	100-350rpm
Speed display	LCD	LCD
Timer display	LCD	LCD
Time settings range	1min-19h59min	1min-19h59min
Voltage	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	30W	30W
Weight	8.1kg	13.5kg
Permissible ambient temperature and humidity	5-40°C, 80%	5-40°C, 80%
Dimensions [W × D × H]	300 × 340 × 100mm	370 × 420 × 100mm
Protection class	IP21	IP21
Data connector	RS232	RS232

	SK-L180-E	SK-L180-S
Amplitude	20mm	20mm
Max. load capacity (with platform)	3kg	3kg
Motor type	DC motor	DC motor
Motor input power	16W	16W
Motor output power	10W	10W
Speed range	0-200rpm	40-200rpm
Speed display		LED
Timer display		LED
Time settings range		1min-19h59min
Voltage	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	30W	30W
Weight	3.1kg	3.1kg
Permissible ambient temperature and humidity	5-40°C, 80%	5-40°C, 80%
Dimensions [W × D × H]	270 × 330 × 110mm	270 × 330 × 110mm
Protection class	IP21	IP21

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Rocking Shakers& 3D Shakers



Your Accessible Solution

SK-R1807-S

SKR1807-E

SK-R330-Pro

Tilt angle	7°	7°	9°
Max. load capacity (with platform)	3kg	3kg	10kg
Motor type	DC motor	DC motor	DC motor
Motor input power	16W	16W	40W
Motor output power	10W	10W	24W
Speed range	10-80rpm	10-80rpm	10-70rpm
Speed display	LED	LED	LCD
Timer display	LED	LED	LCD
Time settings range	1min-19h59min	1min-19h59min	1min-19h59min
Voltage	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	20W	20W	50W
Weight	3.2kg	2.7kg	9kg
Permissible ambient temperature and humidity	5-40°C, 80%	5-40°C, 80%	5-40°C, 80%
Dimensions [W × D × H]	270 × 330 × 130mm	270 × 330 × 130mm	360 × 410 × 130mm
Protection class	IP21	IP21	IP21

SK-D1807-S

SK-D1807-E

SK-D3309-Pro

Tilt angle	7°	7°	9°
Max. load capacity (with platform)	3kg	3kg	5kg
Motor type	DC motor	DC motor	DC motor
Motor input power	16W	16W	40W
Motor output power	10W	10W	24W
Speed range	10-80rpm	0-80rpm	10-70rpm
Speed display	LED	100-240V, 50/60Hz	LCD
Timer display	LED	20W	LCD
Time settings range	1min-19h59min	2.7kg	1min-19h59min
Voltage	100-240V, 50/60Hz	5-40°C, 80%	100-240V, 50/60Hz
Power	20W	270 × 330 × 130mm	50W
Weight	2.7kg	IP21	9kg
Permissible ambient temperature and humidity	5-40°C, 80%		5-40°C, 80%
Dimensions [W × D × H]	270 × 330 × 130mm		360 × 430 × 130mm
Protection class	IP21		IP21

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Shakers

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Cat. No.	P/N	Descriptions
8032110100	SK-L180-Pro	Digital Linear Shaker (2.5Kg) without attachment
8032210100	SK-O180-Pro	Digital Orbital Shaker (2.5Kg) without attachment
8032110200	SK-L180-S	LED digital Linear Shaker (3Kg) (including of a platform)
8032210200	SK-O180-S	LED digital Orbital Shaker (3Kg) (including of a platform)
8032110000	SK-L180-E	Classic Linear Shaker (3Kg) (including of a platform)
8032210000	SK-O180-E	Classic Orbital Shaker (3Kg) (including of a platform)
8032120100	SK-L330-Pro	Digital Linear Shaker (7.5 Kg) without attachment
8032220100	SK-O330-Pro	Digital Orbital Shaker (7.5 Kg) without attachment
8032322100	SK-R330-Pro	LCD Digital Rocking Shaker (including of a platform 18900155), see-saw wave,angle 9°
8032422100	SK-D3309-Pro	LCD Digital 3D Shaker (including of a platform 18900155), angle 9°
8032311200	SK-R1807-S	LED digital Rocking Shaker (including of a platform),see-saw wave,angle 7°
8032311000	SK-R1807-E	Classic Rocking Shaker (including of a platform),see-saw wave,angle 7°
8032411000	SK-D1807-S	LED digital 3D Shaker (including of a platform), angle7°
8032411000	SK-D1807-E	Classic 3D Shaker (including of a platform), angle7°

Accessories

SK330.1, 330.2, 330.3, 330.5 are for 330 series, SK180.1,180.2 ,180.3, 180.4 are for 180 series

Cat. No.	P/N	Descriptions
18900027	SK330.1	Universal attachment with 4 bars
18900028	SK330.2	Fixing clip attachment
18900040	SK330.3	Lengthways roller attachment
18900155	SK330.5	Dish platform with non-slip mat and fixed string(8 pcs)
18900036		Bar for SK330.1 Universal attachment, black
18900025	SK180.1	SK 180.1 Universal attachment with 3 bars
18900026	SK180.2	SK180.2 Fixing clip attachment
18900038	SK180.3	SK180.3 Lengthways roller attachment
18900185	SK180.4	SK180.4 Dish Attachment with non-slip mat
18900200	SK180.5	SK180.5 Dish Attachment with non-slip mat 200*300mm
18900326	SK180.6	SK180.6 Dish Attachment with non-slip mat 280*280mm
18900037		Bar for SK180.1 Universal attachment, black
18900029	K180.2.1 /SK330.2.	Fixing clip for flask volume 25 ml
18900030	SK180.2.2 /SK330.2.	Fixing clip for flask volume 50 ml
18900031	SK180.2.3 /SK330.2.	Fixing clip for flask volume 100 ml
18900032	SK180.2.4 /SK330.2.	Fixing clip for flask volume 200/250 ml
18900033	SK180.2.5 /SK330.2.	Fixing clip for flask volume 500 ml
18900280		Connect sticks for double dishes shaker 4/pK

Shakers

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SK180.1



18900025

Universal attachment with 3 bars
Dimensions(WxD): 24x24cm



SK180.3



18900038

Lengthways roller attachment
Dimensions(WxD): 24x24cm



18900036

Bar for SK330.1 universal
attachment



18900037

Bar for SK180.1 universal
attachment



SK330.2



18900028

Fixing clip attachment



SK180.2



18900026

Fixing clip attachment



18900029

Fixing clip for flask volume
25mL, used with SK330.2 &
SK180.2



18900030

Fixing clip for flask volume
50mL, used with SK330.2 &
SK180.2



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High Speed Micro Centrifuges

D1008/D1008E/D2012

DLAB
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**Little Space
and Great
Price**



D1008

Quick centrifugation in small space

For frequently useful tube quantities

For frequently used velocities

Easy to use

Quiet and consumes very low energy

Colors your lab

Small footprint

For strips and 8x2ml tubes (2rotors)

5000/ 7000 rpm (2models)

Start/stop

< 46 dB

Available in 4 colors with a great price advantage

D2012 Plus

Powerful centrifugal force 15100xg

Max speed 15000rpm

For upto 12 x 2/1.5/0.5/0.2ml tubes at 15,000 rpm

Single rotor for different capacity tubes

Refrigerated version available



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High Speed Micro Centrifuges

D1008/D1008E/D2012

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D1008

Technical data

Max. Speed	7000rpm
Max. RCF	2680×g
Rotor Capacity	0.2/0.5/1.5/2.0mL×8; 0.2mL×16 PCR strips or 0.2mL×2 PCR 8 strips
Run Time	Continuous operation
Driving Motor	DC motor
Power	AC110-240V/50Hz/60Hz
Noise level	≈45dB
Dimensions [D × W × H]	160 × 170 × 122mm
Weight	0.5kg

D1008E

Technical data

Max. Speed	5000rpm
Max. RCF	1360×g
Rotor Capacity	0.2/0.5/1.5/2.0mL×8; 0.2mL×16 PCR strips or 0.2mL×2 PCR 8 strips
Run Time	Continuous operation
Driving Motor	DC motor
Power	AC110-240V/50Hz/60Hz
Noise level	≈45dB
Dimensions [D × W × H]	160 × 170 × 122mm
Weight	0.5kg
Certification	CE cTÜVus FCC MCA

D2012

Technical data

Max. Speed	15000rpm (500-15000rpm), increment: 100rpm
Max. RCF	15100×g, increment: 100×g
Speed Accuracy	±20 rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/ 2mL×12
Run Time	30sec~99min/Continuous
Driving Motor	Brushless DC motor
Safety Devices	Door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC110V-240V, 50Hz/60Hz, 3A
Noise level	≈56dB
Acceleration/Braking time	25s?/ 25s?
Dimensions [D × W × H]	255 × 245 × 140mm
Weight	6kg
Additional Features	Speed/RCF switch, Short-time run function, Sound-alert function

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High Speed Micro Centrifuges

D1008/D1008E/D2012



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Ordering Information

☆ Centrifuge - D1008 *EZeeMini* Centrifuge Always mention the needed rpms

Cat. No.	Descriptions
9031001012	Mini Centrifuge with DragonLab blue lid, including two rotors of A08-2 & A02-PCR8
9031002012	Mini Centrifuge with green lid, including two rotors of A08-2 & A02-PCR8
9031003012	Mini Centrifuge with pink lid, including two rotors of A08-2 & A02-PCR8
9031004012	Mini Centrifuge with yellow lid, including two rotors of A08-2 & A02-PCR8

Accessories of D1008

Cat. No.	Descriptions
19400015	Plastic rotor (blank LOGO), 7000rpm, 2ml/1.5ml*8, used with
19400017	Plastic rotor (blank LOGO), 7000rpm, PCR8*2, used with D1008
19400029	2ml to 0.2ml rotor adapter, used with D1008 rotor, 8pcs/pk
19400026	2ml to 0.5ml rotor adapter, used with D1008 rotor, 8pcs/pk

☆ Centrifuge - D2012 High Speed Mini Centrifuge

Cat. No.	Descriptions
9032002121	High Speed Mini Centrifuge (CE marked), with A12-2P plastic rotor kit

Accessories of D2012

Cat. No.	Descriptions
19400010	Plastic rotor kit with lid (blank LOGO), fixing clips and O'ring, 15000rpm, 2ml*12, used with D2012 plus
19500001	2ml to 0.2ml rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk
19500002	2ml to 0.5ml rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk

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High Speed Centrifuge

3024/ D3024R(Refrigerated)

D LAB

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Possibly the best Price/performance-option
in the world

Advantages for the user	Features
High Separation strength	Max.RCF Up to 21380xg/15000rpm
Two rotors and many adapters	High strength aluminum alloy rotor can be fully autoclaved, with unlimited service life
Suitable for frequently used capacities	For 0.2 to 2mL x 24 tubes, PCR8x4
Long durable	Brushless motor
Biosafe rotors	Certified CE, cTUVus, FCC, MCA/ IC/EN 61010-1/-2-20 and passed biosafe and explosion proof tests. anti-aerosol, autoclavable aluminum rotor, overspeed detection, over-temperature detection, automatic internal diagnosis

D3024

Technical data

Max. Speed	15000rpm (200-15000rpm), increment: 10rpm
Max. RCF	21380xg, increment:10xg
Speed Accuracy	±20 rpm
Rotor Capacity	5mL×18, 0.2mL/0.5mL/1.5mL/ 2mL×24, 0.5mL×36,PCR8×4
Run Time	30sec~99min/Continuous
Driving Motor	Brushless DC motor
Safety Devices	Dual door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC220V-240V, 50Hz/60Hz, 5A; AC110V-120V, 50Hz/60Hz, 8A
Acceleration/Braking time	25s?25s?
Dimensions [D × W × H]	280 × 364 × 266mm
Weight	12kg
Additional Features	Speed/RCF switch; Short-time run function; Sound-alert function

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High Speed Centrifuge

3024/ D3024R(Refrigerated)



☆ Centrifuge - D3024 & D3024R High Speed Micro-Centrifuge

Cat. No.	Descriptions
9033001121	High Speed Micro-Centrifuge, with AS24-2 aluminum alloy rotor kit
9033101121	High Speed Refrigerated Micro-Centrifuge, with AS24-2 aluminum alloy rotor kit

Accessories of D3024 & D3024R

Cat. No.	Descriptions
19400012	Aluminum alloy rotor kit with lid (blank LOGO), fixing clips and O'ring, 15000rpm, 5ml*18, used with D3024 & D3024R
19400032	Aluminum alloy rotor kit with lid (blank LOGO), fixing clips and O'ring, 15000rpm, 5ml*12(eppendorf tube), used with D3024 & D3024R
19400006	Aluminum alloy rotor kit with lid (blank LOGO), fixing clips and O'ring, 15000rpm, 2ml/1.5ml*24, used with D3024 & D3024R
19400007	Aluminum alloy rotor kit with lid (blank LOGO), fixing clips and O'ring, 15000rpm, 0.5ml*36, used with D3024 & D3024R
19400008	Aluminum alloy rotor kit with lid (blank LOGO), fixing clips and O'ring, 15000rpm, 4*PCR8, used with D3024 & D3024R
19500001	2ml to 0.2ml rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk
19500002	2ml to 0.5ml rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk
19500003	0.5ml to 0.2ml rotor adapter, used with AS36-05 rotor, 36pcs/pk

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Clinical Centrifuges

DM0412 / DM0412 S



Your Accessible Solution

Advantages for the user	Features
High Separation strength	Max.RCF up to 2490xg/4500rpm
Digital display, can show the real-time parameters and have the symbol showing the experimental process	Set and display rotor speed shown in RPM or G-force
Suitable for frequently used capacities	Up to 15mlx8, 10mlx12 or 5mlx12 tubes
Long durable	Maintenance free Brushless motor(DM0412)
Safety rotors	Certified CE, UL FFC IVD MCA, sound alert, Automatic lock/release, quick spin, self diagnosis



Speed Accuracy	±20rpm
Rotor Capacity	1 type
Run Time	30sec-99min HOLD (Continuous operation)
Driving Motor	Brushless DC motor
Display	LCD
Safety Devices	Door interlock, Over speed detector, Automatic internal diagnosis
Acceleration/Braking time	20s ↑ 20s ↓
Power	Single-phase, 110V-240V, 50Hz/60Hz, 3A
Dimensions [D×W×H]	245×255×140mm
Weight	6kg
Additional Features	Speed/RCF switch; Short-time run function; Sound-alert function

DM0412S

Technical data

Speed Range	300~4500rpm, increment: 100rpm
Max. RCF	2490×g
Speed Accuracy	±20rpm
Rotor Capacity	1 type
Run Time	1sec-99min HOLD (Continuous operation)
Driving Motor	DC motor
Display	LED
Safety Devices	Door interlock, Over speed detection
Acceleration/Braking time	40s↑ 50s↓

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Clinical Centrifuges

DM0412 / DM0412 S



Your Accessible Solution



A12-10P
for DM0412 & DM0412S

Cat. No. 19200348

Max. speed :4500rpm
Max. RCF:2500xg
Rotor capacity: 8x15ml 12x10ml
Rotor material: High strength plastic

Available tubes	Tube quantity	Dimension (Φ×L mm)	Adapters	Maximum speed(rpm)	Radius (cm)	Maximum RCF (×g)
15mL con	8	17×120		4500	11	2450
1.5-5mL vacu	12	13×82	A10P15 & Plug	4500	9.8	2218
4-7 mL vacu	12	13×106	A10*15	4500	11	2450
		16×75			9.8	2218
8.5-10 mL vacu	12	16×107		4500	11	2450
2.7-3 mL(EU) collection tube	12	11×66	A10P15 & Plug	4500	9.8	2218
7.5-8.2 mL(EU) collection tube	12	15×92	A10P15	4500	11	2450

High competitive in any tender from 2,7 to 15 mL and 12 Tubes!

☆ Centrifuge - DM0412 Clinical Centrifuge

Cat. No.	Descriptions
9034002122	Clinical Centrifuge, with A12-10P rotor
9034002222	Clinical Centrifuge, with A12-10P rotor

Accessories DM0412

Cat. No.	Descriptions
19200487	Plastic rotor, 4500rpm, 15ml*8, used with DM0412
19400027	Rotor adapter, used with A12-10P, 12pcs/pk
19400028	Rotor adapter plug, used with A10P15, 12pcs/pk

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Hematocrit Centrifuge



Your Accessible Solution

DM1424

Advantages for the user	Features
High Separation strength	Max.RCF Up to 18620xg/14000 rpm
Hematocrit centrifuge with A24-2P tube rotor& its lid	suitable for 24 capillaries or 1.5/2mL tubes, which can be used for extraction of DNA and RNA.
Long durable	Maintenance free Brushless motor
Safety Devices are available	Door interlock, Overspeed detector; Over temperature, detector; Automatic internal diagnosis;

Great Price for 18620 xg for capilars and up to 24 tubes !



DM1424

Technical data

Speed Range	200~14000rpm, increment: 10rpm
Max. RCF	18620 xg
Speed Accuracy	±30
Rotor Capacity	2 type
Run Time	30sec-99min / Continuous
Driving Motor	Brushless DC motor
Display	LCD
Safety Devices	Door interlock, Over speed detection, Over-temperature detection, Automatic internal diagnosis, Automatic rotor identification
Acceleration/Braking time	20s? 20s?
Power	Single-phase, 220V-240V, 50Hz/60Hz, 5A; 110V-120V, 50Hz/60Hz, 5A
Dimensions [D × W × H]	364 × 280 × 266mm
Weight	10kg
Additional Features	Speed/RCF switch; Short-time run function; sound-alert function

Cat. No.	Descriptions
9033001124	Hematocrit Centrifuge, with AC24P rotor kit
19400023	Hematocrit rotor kit with a lid and a reading disk (Blank LOGO), 12000rpm, 24 x capillary tubes, used with DM1424
19400013	Plastic rotor kit with lid (Blank LOGO), fixing clips and O'ring, 14000rpm, 2ml/1.5ml*24, used with DM1424
19500001	2ml to 0.2ml rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk
19500002	2ml to 0.5ml rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk

[Click Below](#)

Electronic pipettes

Manual pipettes

Pip. Filler/ Stepper

Electronic Titrator

Electronic Dispenser

Manual Dispenser

SafeVac

Centrifuges-Clinical

Centrifuges-LS

Rotary Evaporator

Rollers and Rotators

Hotplate

Magnetic Stirrers

Overhead Stirrers

Shakers

Mixers / Vortex

Thermo Mixers

Thermo Cyclers

Spectrophotometers



Web Page



Info@dlabsci.com

Multipurpose Centrifuge

DM0636 /DM0636R

DLAB

Your Accessible Solution

Advantages for the user	Features
High Separation strength Maximum capacity of the centrifuge: 100 mL x4 and Speed can be set from 300 rpm to a max. of 6000 rpm A wide range of accessories (fixed angle& swing-out bucket rotors) Long durable Safe rotors	Max.RCF Up to 25150xg/15000 rpm Set and display rotor speed shown in RPM or G-force and Timers can be set up to 99 min. for short run/ continuous run Five different types of rotors are suitable for 9 different capacity capped tubes Maintenance free Brushless motor Certified CE, cTUVus, FCC, MCA/ IC/EN 61010-1/-2 -20 and passed explosion proof tests and Biosafe rotor anti-aerosol, autoclavable aluminum rotor, overspeed detection, over-temperature, detection, automatic internal diagnosis

Highly competitive Multi Purpose centrifuge



CE FC



CE FC

Specifications

	DM0636	DM0636R
Speed range	300-6000rpm	300-6000rpm
Max. RCF	4300xg	4300xg
Speed accuracy	±20rpm	±20rpm
Temperature Range	-	-20-40°C
Rotor Capacity	9 types	9 types
Run Time	30sec-99mins/continue	30sec-99mins/continue
Motor	Brushless DC	Brushless DC
Display	LCD	LCD
Program Memory	9	9
Safety Devices	door,imb,motor over hot,speed over,chamber over temper	door,imb,motor over hot,speed over,chamber over temper
Acceleration/Braking time	9s 1/10 ↓	9s 1/10 ↓
Power	Single-phase AC220V-240V, 50Hz/60Hz, 6.3A; AC110V-120V,50Hz/60Hz, 10A	Single-phase AC220V-240V, 50Hz/60Hz, 12.5A; AC110V-120V,50Hz/60Hz, 15A
Dimensions(WxHxD)	445x579x269mm	630x579x269mm
Weight	36kg	50kg
Certification	CE cTUVus FCC MD	CE cTUVus FCC MD
Advanced features	speed/rcf switch; Rotor identification	speed/rcf switch; Rotor identification

[Click Below](#)

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Multipurpose Centrifuge

DM0636 /DM0636R



Your Accessible Solution

Accessories



Uncapping block

for S4-100 rotor



S4-100 (Default)

for DM0636 & DM0636R

Max. speed :4000rpm

Max. RCF:2830xg

Rotor material:stainless steel body and adaptor

description	bucket x 4 tube x 9		bucket x 4 tube x 4			bucket x 4 tube x 2		bucket x 4 tube x 1			
Nominal volume	3-10mL		10mL	12mL	15mL	50mL	100mL	85mL	50mL	15mL	3-10mL
φxL mm	13x75	13x100	15x100	17x105	17x120	34x100		38x104	34x100	17x120 13x100 13x75	13x100 13x75
tube											
adapter	CUSHION							A100P80	A100P50	A100P15	A100P10
Tubes per rotor	36	36	16	16	16	8	4	4	8	8	20

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Multipurpose Centrifuge

DM0636 /DM0636R



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Ordering Information

Cat. No.	P/N	Descriptions	Power supply
9015001123	DM0636	Multi-Purpose Clinical Centrifuge, with swing-out rotor kit	US Chn Euro UK plug

Accessories of D0636,D1536,D1536R

Cat. No.	P/N	Descriptions
19400041	S4-100	Swing-out rotor with four baskets
19400045		3-10ml basket with adaptor
19400044		10-15ml basket with adaptor
19400043		50ml basket with adaptor
19400042		100ml basket with adaptor
19400040	A30-15	fix angle rotor
19400038	AS6-50V	fix angle rotor for 50ml×6
19400036	AS12-PCR8	fix angle rotor PCR 8 Trips ×12
19400034	AS30-2	fix angle rotor 2ml × 30
19400037	AS60-2	fix angle rotor 2ml × 60
19400035	AS18-5V	fix angle rotor 5ml ×18
19400039	A8-50	fix angle rotor 50ml × 8/15ml ×16