

SMALL EQUIPMENT PROMO



Micro Centrifuge

The D1008 Palm Micro Centrifuge is ideal for quick spins, microfiltration of samples, cell separations and many other routine laboratory procedures. Comes with a blue lid, two rotors (A8-2 & A4-PCR8) and both adapters (SA02P2 & SA05P2).

Max Speed:	Up to 7000 rpm
Max RCF:	2,680 xg
Rotor Capacity:	0.2/0.5/1.5/2mL×8 0.2mL×32PCR tubes 0.2mL×4PCR8-strips
Run Time:	Continuous operation
Weight:	0.5kg

\$186

ESB-9031001012



High Speed Mini Centrifuge

The D2012 Plus High Speed Centrifuge is ideal for use in molecular biology laboratories for plasmid extraction; nucleic acid purification; pre-sequencing processing and other applications including extracting of DNA/RNA samples, sedimentation biological components, biochemical and chemical analyses of microsamples.

Speed Range:	500 - 15000 rpm
Max RCF:	15,100 xg, increment: 100 xg
Rotor Capacity:	0.2mL / 0.5mL / 1.5mL / 2mL x 12
Run Time:	30 sec - 99 min / Continuous operation
Noise level:	≤54dB

\$1304.32

ESB-9032002121



Vortex Mixer

The MX-S Variable Speed Vortex Mixer is ideal for gentle shaking to rapid mixing of samples. Includes a standard top head for mixing a single test tube or other small vessel up to 30 mm in diameter. Adapters and accessories are available upon request.

Run Type:	Touch operation / continuous
Mixing Motion:	Orbital
Orbital Diameter:	4 mm
Speed Range:	0-3000 rpm

\$209

ESB-8031102000



Rocking Shaker

The SK-R1807-S Intelligent Transference Decolorizing Shaker comes with a fixed plate, and is designed for time-dependent and low rpm sensitive shaking applications.

Tilt Angle:	7°
Max Load Capacity (with platform):	2 kg
Speed Range:	10-80 rpm
Operation Mode:	Continuous / timer
Permissible Ambient Temperature and Humidity:	5-40°C, 50% RH
Dimension (WxDxH):	294x348x123 mm

\$231.60

ESB-8072311200

Orbital Shakers

The SK-O330-Pro and SK-O180-Pro LCD Digital Orbital Shakers provide smooth and uniform shaking. They are suitable for mixing in culture dishes, flasks and beakers and are ideal for aeration and extraction applications. These shakers can be used inside environmental chambers and CO2 incubators.

Features include continuous and timer operation modes, maintenance-free brushless DC motor, and over-speed detection and protection. A wide range of optional platforms for flasks and other popular vessels are available upon request. The remote function provides PC control and data transmission and logging.

SK-O330-Pro and SK-O180-Pro come with a **FREE universal attachment**.

	SK-O330-Pro	SK-O180-Pro
Max Load Capacity (with platform):	7.5 kg	2.5 kg
Orbital Diameter:	10 mm	4 mm
Speed Range:	10-500 rpm	10-800 rpm
Permissible Ambient Temperature and Humidity:	5-40°C, 50% RH	5-40°C, 50% RH
Dimension (WxDxH):	370x420x100 mm	300x340x100 mm

\$1237.21

ESB-8032220100
(SK-O330-Pro)



\$1116.76

ESB-8032210100
(SK-O180-Pro)



Hotplate

The HP550-S LED Digital Hotplate has a glass ceramic work plate to provide excellent chemical-resistant performance and efficient heat transfer. Separate safety circuits with safety temperature of 580°C. "HOT" warning flashes when work plate temperature is above 50°C.

Work Plate: 7x7" Glass Ceramic

Heating Temperature Range: Room Temp. -550°C, increment 5°C

Work Plate Control Accuracy: ±10°C

Permissible Ambient Temperature & Humidity: 5-40°C, 80% RH

\$371.32

ESB-5031122211



Magnetic Stirrer

The MS7-S Classic Magnetic Stirrer features a 7" square ceramic work plate that provides excellent corrosion resistance.

Work Plate: 7x7" Glass Ceramic

Speed Range: 0-1500 rpm

Max Stirring Quantity (H2O): 10 L

Max Magnetic Bar Length: 80 mm

Permissible Ambient Temperature & Humidity: 5-40°C, 80% RH

\$371.32

ESB-8030122000



\$920
ESB-8033100200 (OS20-S)

\$1340
ESB-8033200200 (OS40-S)

Overhead Stirrers

The OS20-S and OS40-S LED Digital Overhead Stirrers come with a **FREE Universal Plate Stand** (ESB-18900258) and a **FREE Crossed Stirrer** (ESB-18900071).

	OS20-S LED Digital Overhead Stirrer	OS40-S LED LED Digital Overhead Stirrer
Speed Range:	50-2200 rpm	50-2200 rpm
Max Stirring Quantity (H2O):	20 L	40 L
Viscosity Max:	10000 mPa s	50000 mPa s
Max Torque:	40 N-cm	60 N-cm
Chuck Clamp Range Diameter:	0.5-10 mm	0.5-10 mm
Permissible Ambient Temperature & Humidity:	5-40°C, 80% RH	5-40°C, 80% RH

\$408
ESB-8030261115 (MS-H380-Pro)

\$462
ESB-8030122211 (MS7-H550-S)

Hotplate Stirrers

The MS-H380-Pro LCD and MS7-H550-S LED Digital Magnetic Hotplate Stirrers feature a brushless DC motor for outstanding stirring power are ideal for your daily biological and chemical experiments.

	MS-H380-Pro LCD Digital Magnetic Hotplate Stirrer	MS7-H550-S LED Digital Magnetic Hotplate Stirrer
Work Plate:	5.5x5.5" Aluminum with Ceramic Coating	7x7" Glass Ceramic
Speed Range:	200-1500 rpm	0-1500 rpm
Max Stirring Quantity (H2O):	5 L	10 L
Max Magnetic Bar Length:	50 mm	80 mm
Heating Temperature Range:	Room Temp. -380°C	Room Temp. -550°C, increment 5°C
Temperature Control Accuracy:	±1°C (<100°C), ±1% (>100°C)	±10°C
Permissible Ambient Temperature & Humidity:	5-40°C, 80% RH	5-40°C, 80% RH

Thermal Cycler

\$4700
ESB-5064102300

The precise and accurate TC1000-G Gradient Thermocycler features advanced gradient temperature control technology and high-performance, durable Peltier heating and cooling, allowing for precise temperature control in different zones. Its edge temperature compensation technology ensures temperature uniformity. Through gradient settings, experimental conditions can be easily optimized.

Heating Temperature Range: 4-105°C

Lid Temperature Range: 30-110°C

Gradient Temperature Setting Range: 30-99°C

Temperature Uniformity: <0.3°C @55°C

Gradient Range: 1-42°C, Turn off gradient on input 0

Max. Heating/Cooling Rate: 5°C/Sec

Sample Capacity: 96x0.2mL PCR tube, 12x0.2mL PCR-8 strips, 0.2mL 96 PCR microplate

Dry Bath

\$509.10
ESB-5032101200

The HB120-S LED Digital Dry Bath accommodates various types of tube holders & blocks to meet your lab's needs. Comes with a **FREE heating block** (Item ID ESB-18900278) used for 0.2 ml, 0.5 ml and 1.5/2 ml tubes, 18 holes each volume (thin).

Temperature Range: Room temp +5-120°C

Temperature Setting Range: 25-120°C

Temperature Control Accuracy: ±5°C

Permissible Ambient Temperature and Humidity: 10-40°C, <80% RH

Tube Roller

\$1182.44

ESB-8031402100

The MX-RL-Pro LCD Digital Horizontal Tube Rotator is ideal for biochemistry, molecular biology and clinical applications. Provides a gentle but effective rolling and mixing of samples in 1.5 to 50 ml tubes. Can be used in cold rooms or incubators. Disk and rotisserie accessories are available upon request.

Speed Range: 10-70 rpm

Tilt Angle: 0-90°

Rotation Angle: 360°

Operation Mode: Continuous / timer

Permissible Ambient Temperature & Humidity: 5-40°C, 80% RH

Thermal Controls

These small footprint thermal controls deliver exceptional temperature uniformity and digital accuracy for reliable sample processing. Despite their compact size (200x235x120mm, 7.3kg), they offer rapid heating and precise control with overheating protection of 150°C. They accommodate various types of tube holders and interchangeable sample blocks (available upon request). These Thermal Controls come with a **FREE Heating Block** (size options / different blocks available).



\$812.95

ESB-506210111

H100-Pro LCD Digital Magnetic Thermo Control



\$1864.28

ESB-5062102100

HC110-Pro LCD Digital Magnetic Thermo Control



\$1864.28

ESB-5062104100

HM100-Pro LCD Digital Magnetic Thermo Mixer



\$2372.72

ESB-5062103100

HCM100-Pro LCD Digital Magnetic Thermo Mixer

<i>Functions:</i>	Heating	Heating / Cooling	Heating / Mixing	Heating / Cooling / Mixing
<i>Mixing Speed:</i>	-	-	200-1500rpm	200-1500rpm
<i>Mixing Orbit:</i>	-	-	3mm	3mm
<i>Temperature Range:</i>	Room temp + 5-100°C	Below room temp - 25-110°C	Room temp - 100°C	Below room temp 15-100°C
<i>Temperature Setting Range:</i>	15-100°C	-5-110°C	15-100°C	0-100°C
<i>Temperature Control Accuracy / Uniformity @20-45:</i>	±0.5°C	±0.5°C	±0.5°C	±0.5°C
<i>Max Heating Speed:</i>	5.5°C/min	5.5°C/min	5.5°C/min	5.5°C/min
<i>Max Cooling Speed:</i>	-	2.5°C/min (100°C - room temp) 0.5°C/min (below room temp)	-	5°C/min (100°C - room temp) 0.5°C/min (below room temp)
<i>Permissible Ambient Temperature & Humidity:</i>	10-40°C, <80% RH	10-40°C, <80% RH	10-40°C, <80% RH	10-40°C, <80% RH

Vacuum Aspiration Systems



\$1423.63

ESB-7035100000

SafeVac

Vacuum-Controlled Aspiration System, 4L
Safe and efficient system for labs handling critical or biological liquid waste. For laboratory waste recovery and separation of liquid and solid. Best replacement for the common vacuum pump.



\$711.82

ESB-7035200001

EcoVac

Economical Vacuum Aspirator, 2L
Small, compact and easy to use system for the convenient handling of liquid waste disposal. Easy to switch between manual aspiration and two-level adjustable continuous aspiration.



\$355.90

ESB-7035200002

SmartVac

Benchtop Compact Vacuum Aspirator, 1L
The 1L benchtop compact vacuum aspirator with replaceable battery is designed for flexible handling of small amounts of liquids, with one key control, easy operation and wide application.

<i>Vacuum Range:</i>	0-600 mbar	0-500 mbar	0-600 mbar
<i>Flow Rate (Liquid):</i>	17mL/s	17mL/s	1.6L/min
<i>Aspirating Speed:</i>	15L/min (air)	15L/min (air)	-
<i>Bottle:</i>	4L	2L standard, 1L optional with adapter	1L collection bottle in Standard package / 500mL bottle with an adapter, or filtration flask optional
<i>Autoclave Component:</i>	Tube; waste bottle; operation handle	-	Components in contact with liquids are suitable for high-temperature, high-pressure steam sterilization.



\$1398

Homogenizer

The D-160 Handheld Homogenizer is portable and lightweight with an ergonomic design ideal for manual operations. It features processing volumes from 0.1-50mm or 1-250ml, and variable speed from 8,000 to 32,000 rpm. 316L stainless steel shafts are fully autoclavable.

<i>Speed Range:</i>	8000-32000 rpm
<i>Max Linear Velocity:</i>	6.3m/sec or 14m/sec
<i>Max Viscosity:</i>	5000 mPas
<i>Speed Set:</i>	10 stage
<i>Working Volume:</i>	0.1-50mL (Dispersing shaft DS-160/5)

Single Channel Adjustable Volume Electronic Pipette



The dPette+ Multi functional Electronic Pipette is a motor-driven, digitally controlled electronic pipette. It has an intuitive menu interface, requiring minimal force for pipetting while ensuring accuracy and repeatability. With just two buttons, you have full control over adjustable speeds for both aspiration and dispensing. Contains Li-ion battery for extended operation and offers self-calibration.

Item ID	Volume	Price
ESB-7016201001	0.5-10 μ L	\$496.00
ESB-7016201002	5-50 μ l	\$496.00
ESB-7016201003	30-300 μ L	\$496.00
ESB-7016201004	100-1000 μ L	\$496.00

Single Channel Adjustable Volume Manual Pipette



The ESBE Evo Pipette is designed for minimum fatigue of the user's hand and fingers with one of the lowest plunger forces in the market with its innovative spring and seal design. Ergonomic and sleek, the ESBE Evo pipettes fit into any laboratory setting. Comes with a 3-year warranty.

Item ID	Volume	Price
NAE-20	2-20 μ L	\$185.00
NAE-25	0.1-2.5 μ l	\$185.00
NAE-200	20-200 μ L	\$185.00
NAE-1000	100-1000 μ L	\$185.00

Multi Channel Adjustable Volume Pipette

The MicroPette Plus 8-channel and 12-channel Adjustable Volume Mechanical Pipettes — a versatile solution designed for precision and comfort. Its ergonomic design ensures ease and adaptability for different laboratory applications. The MicroPette Plus features a quick-release pipette tip ejector, making it easy to switch between different tips. With a user-friendly interface, durability, online calibration, and hassle-free maintenance, these pipettes streamline high-throughput tasks with ease and reliability.



Item ID	Volume	Channels	Price
ESB-7036202001	0.5-10 μ L	8-channel	\$366.41
ESB-7036202002	5-50 μ l	8-channel	\$366.41
ESB-7036202003	50-300 μ L	8-channel	\$366.41
ESB-7030304004	0.5-10 μ L	12-channel	\$366.41
ESB-7030304006	5-50 μ l	12-channel	\$366.41
ESB-7030304012	50-300 μ L	12-channel	\$366.41

Pipette Stand

Oxford BenchMate, 6-Place
OXF-OBS

FREE

with the purchase of three ESBE Evo pipettes.



Pipette Controller

The Levo Plus Pipette Filler comes with a stand, has 6-speed settings, and is a lightweight high-capacity electric pipette suitable for glass or plastic serological pipettes (0.1-100 ml). Ergonomic design for fatigue-resistant continuous pipetting. Large LCD screen displays speed settings and battery information. Powerful and quiet operation, capable of drawing 25 ml of liquid in 5 seconds. Lithium battery.



Bottle Top Dispensers

The **DispensMate Bottle-Top Dispenser** has excellent chemical resistance, inert & high strength components made of PTFE, FEP, BSG, PP. It is fully autoclavable at 121°C (only liquid accessible parts).

The **DispensMate-Pro Premium Bottle-Top Dispenser** has high chemical compatibility with use of inert materials and glass/PTFE piston. Fully autoclavable at 121°C to ensure sterility.

Item ID	Volume	Graduation	Systematic Error	Random Error	Price
ESB-7032100101	0.5 - 5 ml	0.1 ml	$\pm 25 \mu$ L $\pm 0.5\%$	$\pm 10 \mu$ L $\pm 0.2\%$	\$229.64
ESB-7032100102	1 - 10 ml	0.2 ml	$\pm 50 \mu$ L $\pm 0.5\%$	$\pm 20 \mu$ L $\pm 0.2\%$	\$229.64
ESB-7032100103	2.5 - 25 ml	0.5 ml	$\pm 125 \mu$ L $\pm 0.5\%$	$\pm 50 \mu$ L $\pm 0.2\%$	\$282.63
ESB-7032200104	5 - 50 ml	1 ml	$\pm 250 \mu$ L $\pm 0.5\%$	$\pm 100 \mu$ L $\pm 0.2\%$	\$282.63
ESB-7032212001	0.5 - 5 ml	0.1 ml	$\pm 25 \mu$ L $\pm 0.5\%$	$\pm 10 \mu$ L $\pm 0.2\%$	\$373.20
ESB-7032212002	1.0 - 10 ml	0.2 ml	$\pm 50 \mu$ L $\pm 0.5\%$	$\pm 20 \mu$ L $\pm 0.2\%$	\$373.20
ESB-7032212003	2.5 - 25 ml	0.5 ml	$\pm 125 \mu$ L $\pm 0.5\%$	$\pm 50 \mu$ L $\pm 0.2\%$	\$373.20
ESB-7032111004	5 - 50 ml	1 ml	$\pm 250 \mu$ L $\pm 0.5\%$	$\pm 100 \mu$ L $\pm 0.2\%$	\$496.30
ESB-7032111005	10 - 100 ml	2 ml	$\pm 500 \mu$ L $\pm 0.5\%$	$\pm 200 \mu$ L $\pm 0.2\%$	\$496.30

These bottle-top dispensers are easy to disassemble and clean for periodic maintenance and are supplied with most popular adapters (S40, GL32, GL38, GL25, GL28).



Contact your local ESBE representative for more information.

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