



DLAB Scientific Instrument

Scaling New Heights In Research



Mission and Vision

To be the leading company in providing basic bench top instruments

We focus on

- **A**nalytics
- **B**iology
- **C**linical

Company Profile

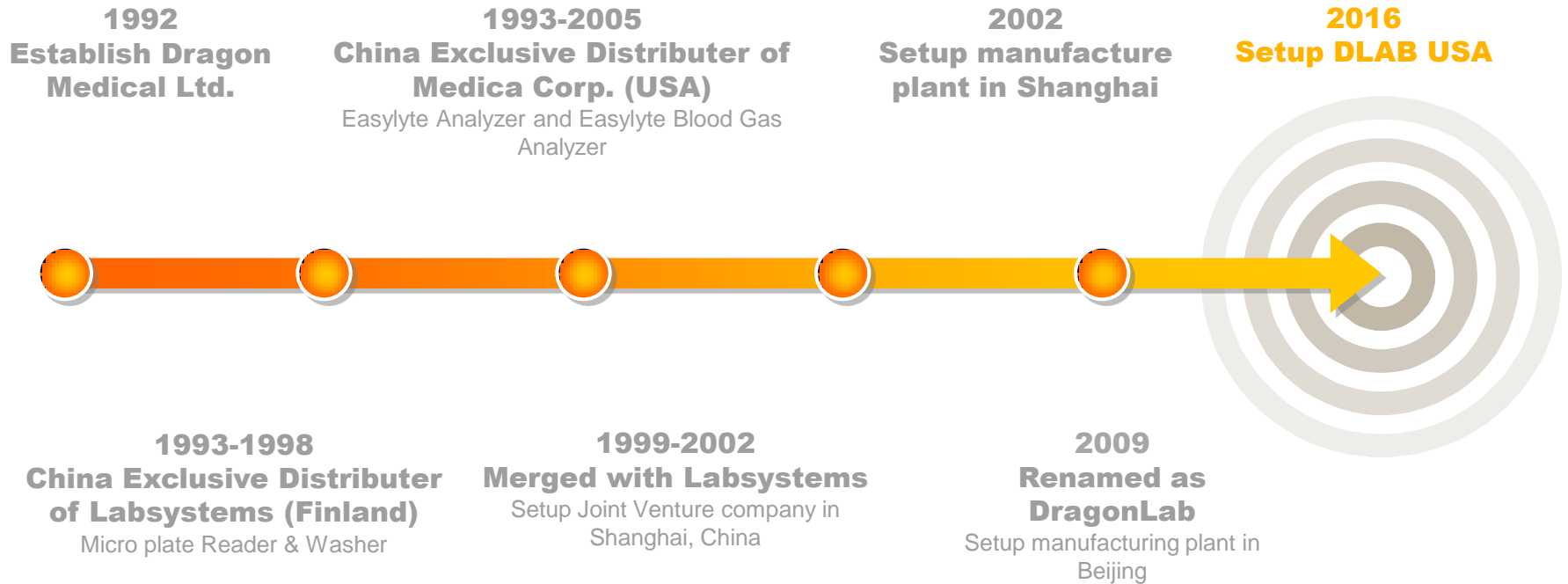
Scaling New Heights In Research

DLAB Scientific Instrument Inc is a leading company which designs and manufactures a variety of high quality laboratory instruments and equipment for scientific and clinical research. We are positioned to be an one-stop supplier of a wide range of general laboratory devices & instruments, covering chemical, biological, and clinical diagnostic labs. Backed by highly trained experts and technical professionals, our products offer unparalleled performance and value to customers.



History & Millstone

Scaling New Heights In Research



Company Structure

Scaling New Heights In Research

- **Board & President**
 - **Managing Director**

- **Research & Design 30**
- **Manufacture 120**
- **Technical 25**
- **Sales & Marketing 30**
- **Finance 6**
- **Procurement 5**
- **Admin & HR 7**



Facility & Ability

Scaling New Heights In Research

- **Corporate office of 20,000 m² Area , A similar one is under construction**
- **220 employees in total**
 - 30 R&D Experts continually expanding product line
 - 25 QC Engineers to guarantee the quality of products
 - 30 Sales-in-charge for domestic and international markets.
- **4 product lines**
 - 8000 m² manufacturing plant
 - 130 production workers
- **2 Warehouse**
 - 8000 m² warehouse for parts and products



Core Strength

Scaling New Heights In Research

- **Efficient R&D team**

- 30 scientists & engineer

- **Innovation capability**

- Over 40 patents
- International Industrial Designs
- Continually expanding products & upgrades



Core Business

Scaling New Heights In Research

- **Manufacture of Lab instruments**
- **Target -4 product lines**
 - Liquid handling
 - Distilling and Mixing
 - Thermo Control
 - Centrifuge
- **Service for 3 fields**
 - Analytics
 - Biology
 - Clinical
- **Customize products to meet OEM/ODM requirements**



Certification

Scaling New Heights In Research

- Designed and manufactured in ISO9001/13485 facility
- To be in accordance with safety standards

ISO 9001:2000

ISO13485:2003

CE (cTUVus)

cTUVus / FCC



China Sales

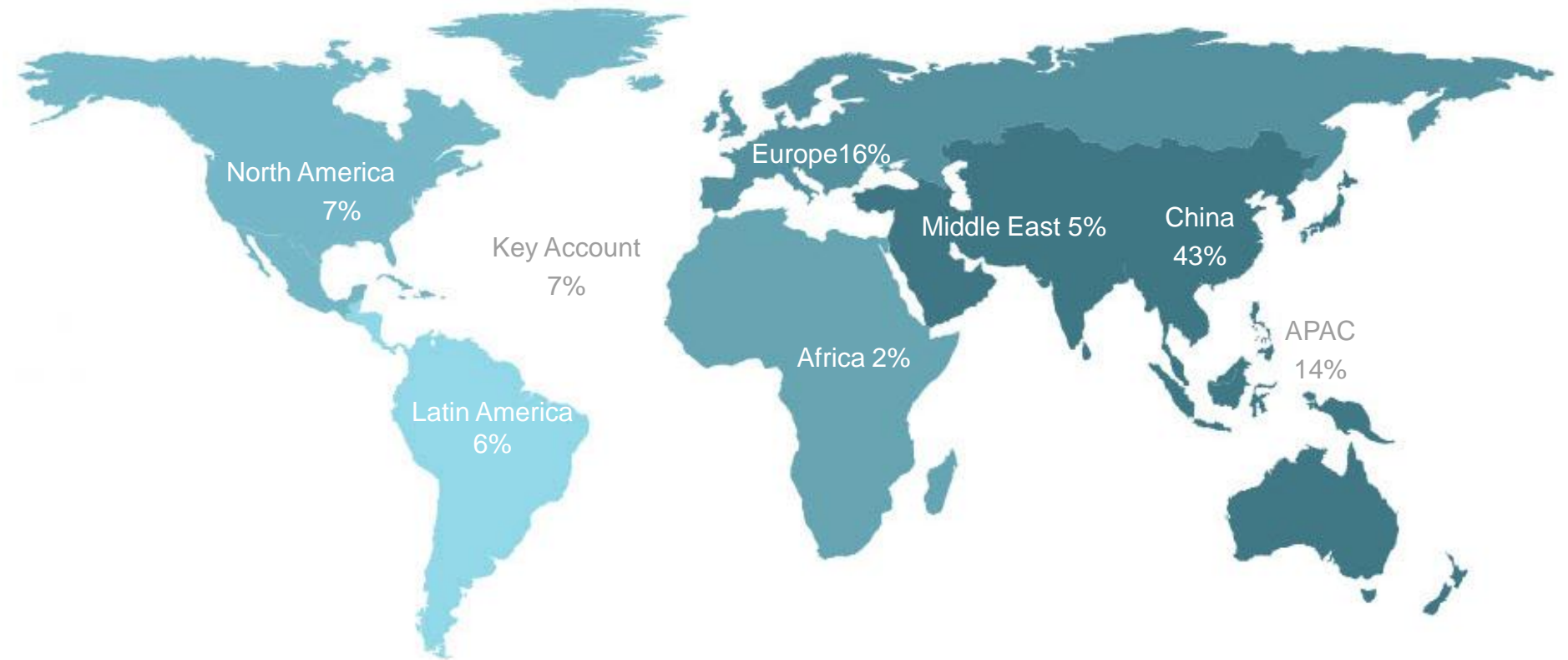
Scaling New Heights In Research



- Present in 31 districts in China
- 100% through distribution channel
- Over 4000 distributors
- 45% of total turnover
- Dominant position in liquid handling

Global Sales

Scaling New Heights In Research



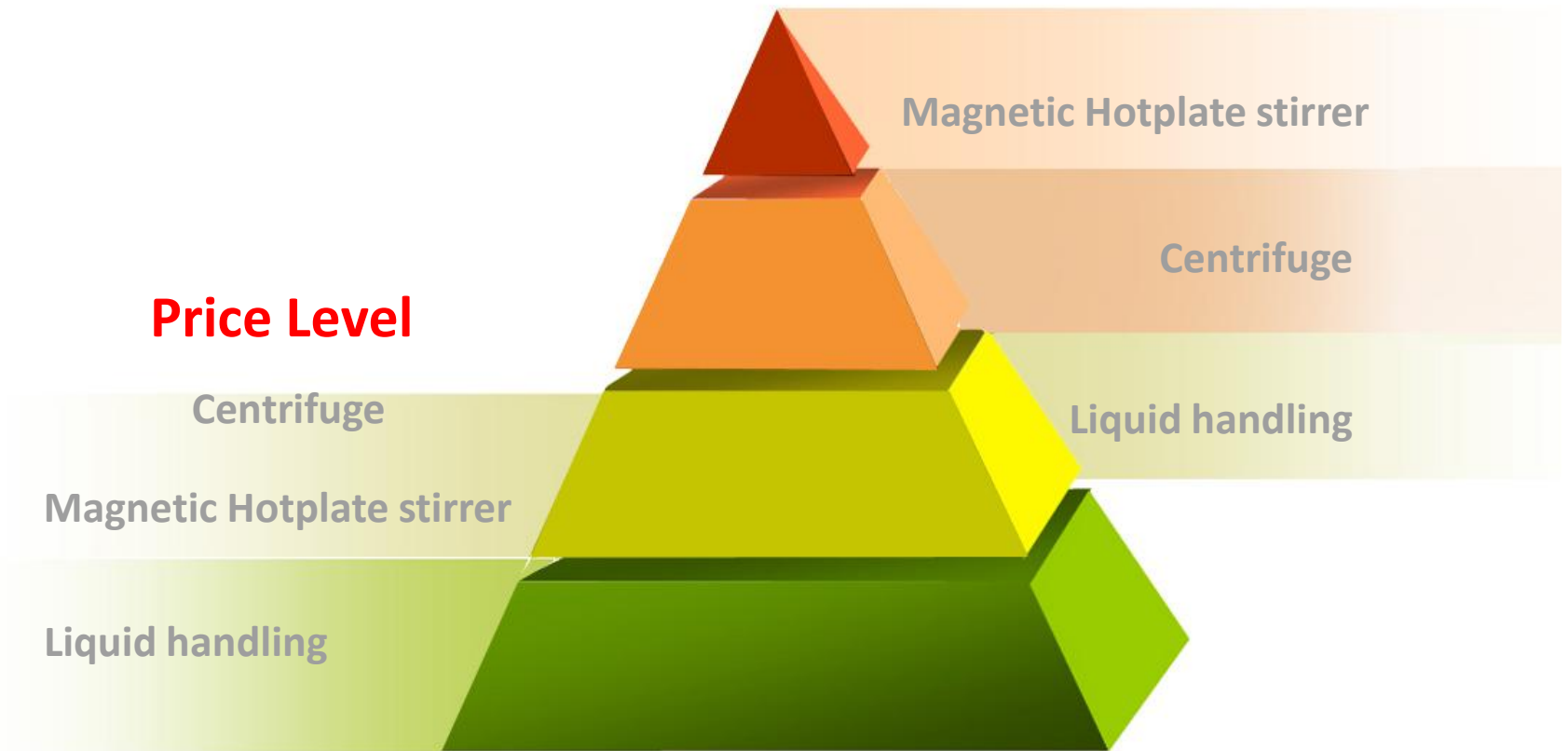
Exported to over 100 countries, Over **400** distributors worldwide, 55% of total turnover

Market Position

Scaling New Heights In Research

Technology & performance

Price Level





Analytic Product Overview

Scaling New Heights In Research

Analytic Product Line

Scaling New Heights In Research



Liquid handling



chemical synthesis



Separation & purification



Analysis



Sample preparation



Magnetic Hotplate Stirrer

Scaling New Heights In Research



- Providing wide temperature range from 120°C to 550°C
- Equipped with multi position and versatile accessories
- Various modules to accommodate different usages



120°C

280°C

340°C

550°C

Overhead Stirrer & Homogenizer

Scaling New Heights In Research



OS20-S
OS40-S

LED Overhead Stirrer



OS20-Pro
OS40-Pro

LCD Digital Overhead Stirrer

Features:

- High reliability and outstanding performance
- LCD display for precise monitoring of set and actual speeds,
- A wide range of speed from 50 to 2200rpm with control accuracy of ± 3 rpm
- Brushless DC motor for long life, maintenance free and explosion proof
- Torque trend display for real-time information on viscosity changes
- Safety circuits allow for safe stop function in anti-spill or overload conditions
- Provides a constant speed even with changes in viscosities of the sample
- Remote function provide PC control and data transmission



D-500

Homogenizer



D-160

Handheld Homogenizer

Features:

- Viscosity up to 10,000 mPas
- 6 modes of motor speed from 10,000 to 30,000 rpm
- All-round safety guarantee for motor drive, overload protection and smooth operation
- 316L stainless steel shafts are fully autoclavable and inert for highly corrosive solutions
- Easy dismantling for fast preparation
- All shafts are interchangeable for easy dismantling & cleaning

Rotary Evaporator

Scaling New Heights In Research



Autolift 150mm



USB connector



Large LCD display



Adjustable immersion angle and height



Chemical resistance



Overheating protection



Compatible with all range of glassware



Top Dispenser Manual & Electronic

Scaling New Heights In Research

DispensMate Plus Bottle-Top Dispensers

Features:

- Excellent chemical resistance, components are made of PTFE, FEP, BSG, PP
- Fully autoclavable at 121 °C
- Four ranges of bottle-top dispensers covering a volume range from 0.5mL to 50mL
- Easy for cleaning and maintenance
- The optional flexible discharge tube with safety handle permits fast and precise dispensing
- Vapor pressure Max. 500mbar, viscosity max. 500mm²/s, temperature max. 40 °C, density max. 2.2g/cm³

dFlow Electronic Bottle-Top Dispenser

Features:

- Motor operation minimizes the grip force
- Electronic control decreases the repetitive strain injury
- The remote control panel makes the operation free of manual disturbance
- Two Dispensing modes, dispenser & stepper function options



Dilutor & Dispenser

Scaling New Heights In Research



DL-D50-Pro Dispenser & Diluter Systems

Features:

- It is ideal for dispensing and diluting applications
- Five operating modes enable fast and precise operation in priming, titration, volume measurements, as well as in diluting, dispensing, mixing, pipetting and rinsing.
- Easy-to-use pipelines and easy-to-switch modes
- The high torque, precision stepper motors offer excellent accuracy
- Full range from 250 μ L to 25mL
- Compatible with 7 kinds of Syringes
- Adjustable pipetting speed for 9 stages



Electronic Titrator

Scaling New Heights In Research



dTrite Electronic Titrator

Features:

- Elegant & ergonomic design
- Fully Digital Control
- High precision and reproducibility
- Excellent chemical compatibility
- Compact mixing stirrer design
- Easy to operate
- Fast and drop titration mode





Biology Product Overview

Scaling New Heights In Research

Biology Product Line

Scaling New Heights In Research



Separation
concentration



Mixing



Liquid
handling



Incubation
Reaction

Manual Pipettes

High performance for biology applications



121°C
HALF
Autoclave

MicroPette

Features:

- Ergonomic design for a comfortable posture with minimum muscle power
- Easy-to-read volume display
- Pipettes cover volume range from 0.1µL to 10mL
- Easy calibration and maintenance
- Materials securing long life-time of the pipette
- Each MicroPette supplied with an individual calibration certificate by ISO8655

MicroPette plus

Features:

- Fully Autoclavable
- Ergonomic design maximizing user comfort
- Easy-to-read volume display
- The pipettes cover volume range from 0.1µL to 10mL
- Easy calibration and maintenance
- Materials securing long life-time of the Pipette
- Each MicroPette PLUS supplied with an individual calibration certificate by ISO8655



121°C
HALF
Autoclave

Electronic Pipettes

High performance for biology applications

dPette+

Multifunction Motorized Pipette

dPette

Motorized Pipette



Features:

- A digital control pipette with motor drive
- A wide range of pipetting modes for selection
- Multiple functions: dPette: Pipette, Mixing
dPette+: Pipette, Mixing, Stepper and Dilution
- High quality motor with built-in error control providing outstanding accuracy and reliability
- Li-ion battery enables longer operation time on each charge
- Adjustable speeds for aspiration and dispensing
- Two methods of charging: through the stand or direct charging



Pipettes Aids

Scaling New Heights In Research



Levo Plus
Pipette Filler

Features:

- Appropriate for most of the plastic and glass pipettes from 0.1-100ml
- Eight speeds of selection for aspiration and dispensing
- Large LCD display showing low battery warning and speed settings
- High capacity Li-ion battery enable long runtime of operation
- Low battery indication
- Powerful motor fills a 25mL pipette in <5 seconds
- 0.45µm replaceable Hydrophobic filter
- Rechargeable during use



Levo Me
Pipette Filler

Pipette Controller

Features:

- Ease of use
- Precise pipetting control
- Robust and lightweight
- Appropriate for most of the plastic and glass pipettes from 0.1 -100ml
- 3µm replaceable Hydrophobic filter
- Easy cleaning and maintenance



Pipette Pump

Features:

- Volume capacity 2mL, 10mL and 25mL
- Colour-coded by volume with green, blue and red
- Thumb wheel guarantees precise operation
- Resistant to acids and alkalis
- Easy for cleaning and maintenance



Vacuum Aspiration Systems

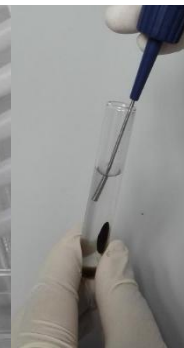
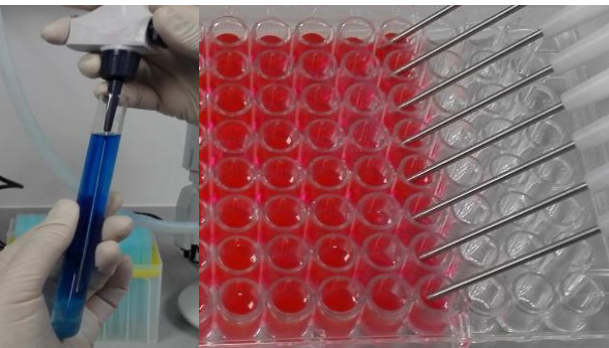
Scaling New Heights In Research

SafeVac is designed for laboratory waste recovery and separation of liquid and solid. It can be widely used in cell culture, DNA extraction, Micro plate waste removal, and any other liquid separation or recovery procedures.

SAFEVAC Vacuum Aspiration Systems

Features:

- Vacuum power can be set to different levels to achieve 1ml/s to 15ml/s aspirating speed
- Sensitive level sensor to prevent liquid overflow during operation.
- Waste bottle, tubing and handle are fully Autoclavable
- Lid, tubing and handle are easy for disassembling, cleaning and autoclaving
- Wide range of adapters to fit tube, Micro plate and disk plate for various tasks



Centrifuge

Scaling New Heights In Research



D2012 & D2012 plus High Speed Mini Centrifuge

Features:

- Powerful centrifugal force 15100xg
- Max speed 15000rpm
- Brushless DC motor drive quickly accelerates the rotor to set speed
- Quiet working, Low noise ≤ 56 dB
- D2012 Plus passed the rigorous explosion-proof test and accredited with CE, cTUVus, FCC certificates, and MCA test.



D1008 D1008U Palm Micro Centrifuge

Features:

- Ideal for microfiltration and quick spin-downs
- Easy-to-use with dual start/stop function
- Fixed speed: 10000rpm(D1008U) & 7000rpm (D1008)
- Compatible with 2mL x 8 and PCR8 x 2 rotors
- Quiet running, noise level ≤ 45 dB
- Accelerates and brakes in seconds
- Available in four colors green, blue, yellow & pink.

Centrifuge

Scaling New Heights In Research

D3024

High Speed Micro Centrifuge



D3024R

High Speed Refrigerated Micro Centrifuge

Powerful cooling system for precise temperature control

Features:

- Pre-cooling program ensures optimal protection of the sample before warming
- Guaranteed 2° C cooling within only 7 minutes for both chamber and samples even at maximum speed and capacity utilization
- Locked lid after operation maintains the chamber temperature
- Intermittent temperature control mode
- CFC-free refrigerant and low carbon life rotor capacity
- Bio-safe rotor/anti-sample overflow prevents accidental leakage in centrifugal process allowing risk-free microbial contamination
- High strength aluminum alloy rotor can be autoclaved for unlimited service life
- Four rotors are optional complete with 24 place 1.5/2.0mL tubes, bigger 5.0mL, smaller 0.2mL and 0.5mL tubes with the use of adapters
- Quiet running, noise level ≤ 54dB



Shaking and Mixing

Scaling New Heights In Research

MX-S
Vortex Mixer



MX-F
Vortex Mixer



MX-E
Economical Vortex Mixer



MX-M
Microplate Mixers



SK-L180-Pro
LCD Digital Linear Shaker



SK-R330-Pro
LCD Digital Rocking Shaker



SK-D1807-S
LED Digital 3D shaker



SK-D1807-E
Economical 3D Shaker



Thermo Cycler

Scaling New Heights In Research

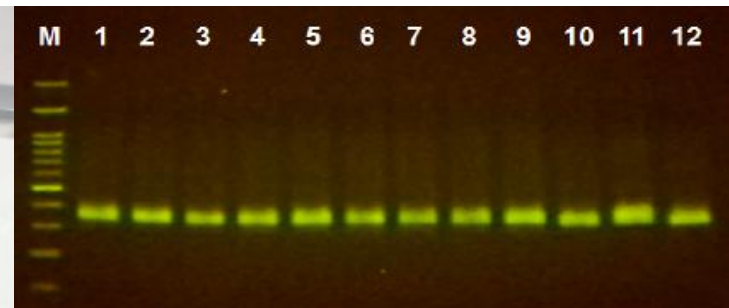


TC1000-G / S Thermo Cycler

Thermo Cyclers are essential instruments used daily in laboratories in a wide array of applications such as Cloning, Gene Expression Analysis, Genotyping, Sequencing & Mutagenesis

Features:

- Innovative heating/cooling elements
- High performance DSP and temperature control algorithm
- Excellent temperature uniformity
- High precise temperature control
- Fast heating and cooling rate
- 7 inch Large color touch panel screen for easy programming



Thermo Mix

Scaling New Heights In Research

HB120-S

Dry bath

Features:

- A wide range of temperature control up to 120° C
- Timer function support is available
- Various types of optional blocks are available
- Overheating protection
- Lid for protection and heat preservation



HCM100-Pro

Thermo Mix

HM100-Pro

Thermo Mix without cooling

HC110-Pro

Dry bath with cooling

Features:

- Excellent mixing result
- Stable with a wide range of speed adjustments
- Precise temperature control for heating and cooling
- Flexible adapter selection
- Adapter self-recognition & Programmable
- Compatible with various tubes





Clinical Product Overview

Scaling New Heights In Research

Liquid handling

Scaling New Heights In Research

TopPette

Features

- Light weight, ergonomic, low force design
- Large display window allow for easier volume identification
- The pipettes cover volume range of 0.1 μ L to 10mL
- Easy to calibrate and maintain with tool supplied
- Design helps avoid repetitive strain injuries
- The lower section can be autoclaved



StepMate Stepper

Features:

- Light and ergonomic solution provide easy usability
- Single-handed operation
- Volume range from 1 μ L to 5mL
- Up to 48 dispensing steps
- Maintenance free
- Equipped with durable tip insertion lever
- Fits seven sizes of disposable polypropylene syringes from 0.5mL to 50mL



Blood and Reagents Mixing

Scaling New Heights In Research



MX-T6-S/MX-T6-Pro LCD Digital Tube Roller

Features:

- LCD display the speed and time
- Speed range of 0-70rpm
- Six roller design with small footprint
- Continuous or timer operation



SK-O180-S LED Digital Orbital Shaker

Features:

- Max. load capacity is 3kg with platform
- Double LEDs for independent display of time and speed
- Speed range of 40-200 rpm
- A wide range of platforms, accessories



SK-O180-E Economical digital Orbital Shaker

Features:

- Max. load capacity is 3kg with platform
- Speed range of 0-200 rpm
- A wide range of platforms, accessories



MX-RD-Pro LCD Digital Rotator

Features:

- Electronic adjustment of speed and time
- LCD display speed and time
- Speed range from 10 to 70rpm
- Rolling action, gives gentle but effective mixing
- Adjustable mixing angle from 0 to 90°
- A wide variety of accessories are available



MX-RL-Pro LCD Digital Rotator

MX-RD-E Economical Rotator

Features:

- Provides effective mixing of biological samples
- Adjustable speed range from 0 to 80 rpm
- A wide variety of accessories are available



MX-RL-E Economical Rotator

Features:

- Provides gentle but effective rolling
- Adjustable speed range from 0 to 80 rpm
- A wide variety of accessories are available



Clinical Centrifuge

Scaling New Heights In Research



DM0412

Clinical Centrifuge

Features:

- Easy to program & operate to achieve high accuracy with speed control
- Rotor speed can be set and concisely displayed by RPM or G-force
- Maintenance-free and brushless induction motors prevent particulate emissions
- Pressing and holding PULSE key for quick spin function
- Electromechanical locked lid saves processing time and prevents samples overheating
- Automatic self-diagnosis on startup showing time increments and last running parameters



DM0412S

Economical Clinical Centrifuge

Features:

- Max. speed at 4500rpm
- Precise control of speed and time with efficient separation
- Faster acceleration and deceleration
- Perfectly suitable for 15mL cell culture tubes and a full line of collection tubes

DM1424

Hematocrit Centrifuge

Features:

- Speed range of 200-14000rpm, Max. RCF 18620 \times g
- Precise control of speed and time with efficient separation
- Easy operation thanks to intuitive menu and easy-to-read display
- Maintenance-free and brushless induction motors prevent particulate emissions
- Pulse operation for quick spins
- Rotor capacity: Hematocrit rotor: 24 capillary Max. speed: 12000rpm
- Tube rotor: 1.5/2mL \times 24 Max. speed: 14000rpm



DM1224E

Economical Hematocrit Centrifuge

Features:

- Max speed is 12000rpm, Max. RCF 13680 \times g
- Precise control of speed and time with efficient separation
- Rotor capacity: Hematocrit rotor: 24 capillary



Clinical Centrifuge

Scaling New Heights In Research



DM0636

Multi-Purpose Clinical Centrifuge

DM0636R

Multi-Purpose Clinical Centrifuge Refrigerated Centrifuge

Features:

- Speed can be set from 300 rpm to a max. of 6000 rpm
- Maximum capacity of the centrifuge: 100 ml x4
- 9 Acceleration/10 Brake speed settings to ensure optimal Separation
- Powerful cooling system for precise temperature control of both chamber and samples(DM0636R)
- A comprehensive range of accessories (fixed angle and swing bucket rotors)
- Automatic rotor identification & Timers can be set up to 99min.for short run/continuous run



DLAB Scientific Instrument

Always be your reliable partner