



About us

ALCHEMIST SCIENTIFIC Co., Ltd aim to provide the quality equipment, supplies and service to science community. In accordance to tradition from the top brand, including **Anatylia (Cole-Parmer, Ismatec, Kinesis, Stuart and others), Masterflex, GVS, Ohaus, Oxford and Stakpure.**

บริษัท แอลเคมิสต์ ไซออนติฟิค จำกัด เป็นตัวแทนจำหน่ายเครื่องมือวิทยาศาสตร์ สำหรับห้องปฏิบัติการวิทยาศาสตร์ แบบนอร์ด **Anatylia (Cole-Parmer, Ismatec, Kinesis, Stuart and others), Masterflex, GVS, Ohaus, Oxford และ Stakpure.** ทางบริษัทฯ ยินดีให้คำปรึกษาเกี่ยวกับสินค้าที่ลูกค้าต้องการนำไปใช้งานกับงานด้านต่างๆ นอกจากนี้ทางบริษัทฯ ยังรับผิดชอบเกี่ยวกับบริการหลังการขายให้แก่ลูกค้าด้วย

Our Products



Masterflex Peristaltic pump
Powerful pump built to last in challenging process, research and production environments



Cole-parmer is a leading global manufacturer of proprietary products for fluidics, environmental, analytics, lab essentials and critical research and process equipment for life sciences.



ISMATEC Peristaltic pump for low flow-rate and high-accuracy research



Ultrapure water systems
Convenient, compact, adaptable for demanding applications in life sciences and labs



Liquid handlings, Spin-down Centrifuges



Laboratory Vortex mixer



Water quality meters such as pH meter, Conductivity meters, Turbidity meters, etc.



GVS Filter Technology offers a full line of laboratory filtration and analysis products.



Shakers, Melting point apparatus, Water baths, Rockers, etc.



We offer only **Centrifuge tubes** and **Serological pipettes**



Solid-phase extraction (SPE) systems and SPE Cartridges



Gel Documentation Imaging and Chemiluminescence & Fluorescence Documentation Imaging



Grant Instruments supply scientific laboratory equipment and data acquisition solutions



Laboratory Syringe Pumps



ALCHEMIST SCIENTIFIC Co., LTD

บริษัท แอลเคมิสต์ ไซออนติฟิค จำกัด (สำนักงานใหญ่)

300/218 โครงการพาทีโอ พระราม 9-ศรีนครินทร์ ถนนกรุงเทพกรีฑา

แขวงหัวหมาก เขตบางกะปิ กรุงเทพมหานคร 10240

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INDEX

TOPIC	PAGE
Cole-parmer: General laboratory equipment	4
Grant Instruments: General laboratory equipment	5
Masterflex: Peristaltic pumps	6
Masterflex: Peristaltic pump heads	8
Masterflex: Tubing	9
Masterflex: Fitting and accessories	10
Ismatec: Peristaltic pumps	10
Ismatec: Tubing	10
Kinesis: Solid-Phase Extraction (SPE)	11
Cole-parmer: Vacuum pump	11
Oakton: pH meters, Multiparameter and buffer solutions	11
Cole-parmer: Ultrasonic Processors	12
OHAUS: Vortex Mixer	12
VILBER: Gel Documentation Imaging and Chemiluminescence & Fluorescence Documentation Imaging	12
Stakpure: Ultrapure Water System	13
Oxford: Liquid Handling, Micropipettes, Serological pipettes	14
DK Infusetek: Syringe pumps	14
GVS: Syringe filters, Transfer membranes, Vacuum pumps	15
VWR: Centrifuge tubes	15
Bioentist: Nano Magnetic Bead for DNA/RNA Extraction	15
Opentrons: Robot Pipetting	16
Nanoentek: Automating Cell Counter	16
Haier Biomedical: Refrigerators, Freezers, BSC, CO2 Incubators, Air Purifier and etc.	17
Bento Bioworks: Mobile PCR analysis	17
Laboratory Furniture, Sterilized Retorts and Steam Boiler	18
Laboratory Consumable	19



Cole-Parmer®
an antylia scientific company

Furnaces

- PID microprocessor controller
- Up to 1100 °C
- Capacities: 1.6 to 42 L



Cole-Parmer®
an antylia scientific company

VapLock Close System

- HPLC solvent safety Systems
- Protect lab personnel from hazardous solvent vapors



Cole-Parmer®
an antylia scientific company

Sieve Shakers

- Touch-screen programmable controller allows selection of vibration level, time, and pauses
- Shaker accepts eight full-height or sixteen half-height 8" dia. sieves. Sieve clamps allow fast, easy insertion and removal of sieve stacks.



Cole-Parmer®
an antylia scientific company

Sieves Shakers

- Brass frame/brass wire, SS frame/SS wire
- Dia. 8" and 12" (Full and height)
- Follow up US standard (no.) and Tyler standard (mesh)



Cole-Parmer®
an antylia scientific company

Vacuum pump

- Flow rate : 28.3 L/min
- Max Pressure : 4.14 bar
- With gauges, regulators, adjustable relief valve



Cole-Parmer®
an antylia scientific company

Bead Sterilizers

- Suitable for use in Biological Safety Cabinet
- Digital heat control up to 300 °C



DIGI-SENSE

Bottle Precision Accuracy Thermometers

- Enclosed bottle ensure accuracy and is ideal for use in environmental chambers
- Nonmercury blue spirit liquid
- Temp. range: +115 to -25 °C



Cole-Parmer®
an antylia scientific company

Digital Water Baths

- Easy to read TFT display
- Features high-temperature alarm and safety shutdown
- Max temp. : 100 °C
- Capacity: 2, 5, 10, 20, 28 L



TraceableLive

Data Loggers with Wireless Technology

- No software required PC, Android, iOS data visibility
- Parameters: Temperature / %RH / CO₂ (gas)



Cole-Parmer®
an antylia scientific company

Vacuum Ovens

- Ideal for carefully controlled processes such as desiccating, vacuum embedding, plating and semiconductor processing
- Three-way valve allows easy evacuation, purging and venting
- Built-in overtemperature sensor
- Capacity: 19.8 and 65 L



Cole-Parmer®
an antylia scientific company

Ultrasonic Cleaners

- Stainless Steel Bath
- LED Display
- Capacities: 2, 3, 6, 9, 13, 20 and 27 Liter
- Temp./time Controller/Degas/Drain value



Cole-Parmer®
an antylia scientific company

Digital Circulating Baths

- Keep temperature steady at point of use
- Temp range: -40 to 200 °C
- Capacity: 7 to 28 L



Cole-Parmer®
an antylia scientific company

Mini Incubators

- Built-in internal outlet powers for small shakers or rockers
- Capacity: 20 L
- Temp. range: +15 to +60 °C



Cole-Parmer®
an antylia scientific company

Vortex mixer

- Variable speed is useful for a variety of applications
- Shaker features two modes for both "Touch" and "Continuous" operation



Cole-Parmer®
an antylia scientific company

Colony Counters

- Audible count confirmation, adjustable pressure-sensitivity increases flexibility
- Read individual plates or calculate an average over multiple plates
- two 50- to 90-mm dish centering adapters



Cole-Parmer®
an antylia scientific company

Dialysis membranes

- Ideal for concentration, purification and desalination
- MWCO Cut off : 0.5 to 100 kDa



OAKION

pH/EC/ISE/DO/ORP/Multiparameter



Cole-Parmer®
an antylia scientific company

Micro-90 Cleaning Solution

- Removes most biological materials
- Micro-90 is a mild, yet powerful, free-rinsing cleaner for use in critical cleaning and general purpose applications.

General Laboratory Equipments



Wrist Action Shakers

- creates a vigorous mixing action by simulating hand shaking - especially useful for applications where prolonged shaking is required as it can be left on continuously and won't get tired!
- Speed range 8 to 800 oscillations/min



Orbital Shakers

- Smooth orbital shaking action
- Built-in digital timer and variable speed control to 300 rpm



Rocking shakers

- These rocking shakers provide a 3D gyratory motion
- Ideal for low foaming agitation, DNA extractions.



Tube Rotators

- The rotators mix cultures without damaging cells
- Adjustable angle of rotation mixes samples effectively with gentle or vigorous motion
- A variety of tube holder discs allows customization for your application



Heating Mantles

- These controlled and grounded electromantles feature a built-in power regulator and safety earth (ground) screen
- Capacity: 50, 100, 250, 500, 1000, 2000, 5000 mL



Automatic Melting Point

- the automatic melting point a commonplace piece of laboratory equipment. By utilizing the latest in digital imaging technology, users for the first time, had the opportunity to record a video of the melt.



Sample Concentrator

- is a fast and convenient way of concentrating multiple samples in a block heater at once. Utilizing a simple gas delivery system the sample concentrator passes gas over the surface of your samples via stainless steel needles

grant

Scientific Laboratory Equipment & Data Acquisition Solutions
Precision temperature control, sample preparation and life-science solutions
for the world's laboratories



Circulating Water Baths

- Cooling/heating range: -15 °C to 200 °C
- Stability +/-0.01 °C
- Tank capacities: 5 to 38 L
- Programmable



PCR UV Cabinets

- Built-in patented UV lamp
- UV-protective film on glass panels
- Front opening with three adjustable positions
- Stainless steel frame and working area



Thermoshakers

- Provides intensive mixing and temperature control of sample in microtubes or PCR tubes
- Cooling and/or heating
- 5 variety blocks size for the tubes



Densitometers

- DEN-1 and DEN-1B for measuring turbidity of cell suspensions in a variety of life science applications
- Turbidity in the range of McFarland units



Shaking Incubators

- Temperature range: 5 °C above ambient up to +80 °C
- Speed control: 50-400 rpm
- Up to 3 units can be stacked



Liquid nitrogen and cryogen free controlled freezer

- Temperature remain at -100 °C at the end of cycle for straw applications until freezer is switch off



C/L Series Small flow rate

I/P Series Powerful systems

L/S Series High-accuracy

B/T Series Highest Flow rate

C/L Series



- Max rpm: 10, 80 and 300 rpm
- Flow rate : 0.002 to 43 mL/min
- Analog Variable –Speed
- IP22

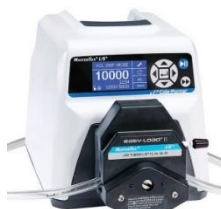
Applications:

- Dispensing and filling
- Chromatography
- Gel column pump
- Spectrophotometer pump
- etc.

L/S Series

Digital pumps

- Max rpm: 100 or 600 rpm
- Flow rate :
 - 0.06 to 580 mL/min (for 100 rpm)
 - 0.006 to 3400 mL/min (for 600 rpm)
- Pump Head Accepted : 1 to 4
- Programmable
- IP33 or 66
- Real-time pump control and monitoring with MasterflexLive



Modular Dispensing Drive

- Digital interface with graphical LCD display
- Remote control available using analog communication: Voltage, current and contact closure
- Modular Drive with Benchtop controller and Wall-mount controller



Stainless Steel Housing pumps

- Control parameter with digital display
- NEMA 4X housings stand up to process and washdown applications
- IP66



MasterflexLive Remote pump control and Monitoring

- Real-time control of all pump parameters. Push notifications alert you to
- Operating conditions and error messages, allowing you to adjust critical Pump processes 24/7 – on need to be onsite.
- Application available on iPhone, Android, MS Windows and Mac OS



Applications:

- Media preparation
- Fluid metering, feed, and transfer
- Acid/base pH control
- Sterile filtration and fluid transfer
- Automated fluid transfer
- Food/beverage and dairy process
- etc.

Applications:

- Pharma/Biopharma Process
- Fluid metering, feed, and transfer
- Plant automation
- Foods/Chemicals/Water/Agricultural Industrial
- etc.

Applications:

- Pharma/Biopharma Process
- Media preparation
- Foods/Chemicals/Water/Agricultural Industrial
- etc.

Applications:

- Pharma / Biopharma processing
- Water / Wastewater treatment
- A&E firms / Process Integrators
- Plant automation / Industrial networking
- etc.

MasterSense series

Reimagine fluid handling-operate, collaborate and connect with ease

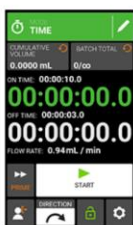
- Intuitive touch-screen interface – quick and easy to program
- Operational models include continuous run, volume dispense, and time dispense
- Save and recall used protocols, each with a unique name
- Secure three-tier access to pump functionality
- Choice of connectivity options – MasterLive, EtherNet/IP

Applications:

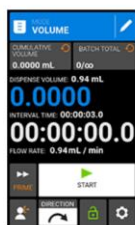
- Pharma / Biopharma processing
- Foods/Chemicals/Water/Agricultural Industrial
- R&D, and all liquid lab transfer
- etc.



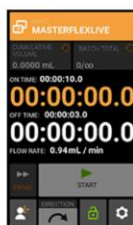
Continuous Mode



Time Mode



Volume Mode



Remote Mode



Tube Calibration



User Access



C/L Series Small flow rate

I/P Series Powerful systems

L/S Series High-accuracy

B/T Series Highest Flow rate

I/P Series



Compact pumps

- RPM : 0.1 to 650 rpm
- Flow rate : 0.0006 to 26 LPM
- Pump Head Accepted : up to 2
- Programmable
- IP33 or 66
- Real-time pump control and monitoring with MasterflexLive

Applications:

- Dispensing and filling
- Chromatography
- Gel column pump
- Spectrophotometer pump
- etc.



Stainless Steel Housing pumps

- Control parameter with digital display
- NEMA 4X housings stand up to process and washdown applications
- IP66

Applications:

- Pharma/Biopharma Process
- Foods/Chemicals/Water/Agricultural Industrial
- Filtration system
- Gel column pump
- etc.



Modular Dispensing Drive

- Digital interface with graphical LCD display
- Remote control available using analog communication: Voltage, current and contact closure
- Modular Drive with Benchtop controller and Wall-mount controller

Applications:

- Pharma/Biopharma Process
- Foods/Chemicals/Water/Agricultural Industrial
- etc.



Washdown Drive System

- Flow rate up to 2.2 LPM per channel (depend on drive, pump head and tubing size)
- Fixed speed
- IP55

Applications:

- Multi Dispensing and filling
- Foods/Chemicals/Water/Agricultural Industrial
- etc.

B/T Series

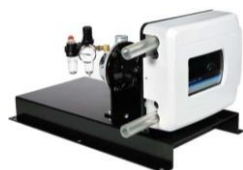


Modular Dispensing Drive

- Flow rate : 0.3 to 42 LPM
- Digital interface with graphical LCD shows pump performance and operating mode – continuous run, timed dispense, copy dispense, or volume dispense
- Remote control available using analog communication: Voltage, current and contact closure
- IP56

Applications:

- Dispensing and filling
- Pharma/Biopharma Process
- Foods/Chemicals/Water/Agricultural Industrial
- all liquid lab transfer
- etc.



Variable speed and air-powered analog Drives

- Flow rate : up to 42 LPM
- Rapid-Load pump head occlusion mechanism slides occlusion bed out of the way for easy tube loading and improved tubing occlusion
- Use air-powered drive in locations where electricity is unsafe
- Rated for ATEX Zone 2, etc.
- IP56

Applications:

- Oil and Gas industrial
- All explosion proof lab and process
- etc.

L/S Portable Sampling Pump Series



Portable Sampling Pump Series

- Rechargeable battery is ideal for field applications
- Can be used in the field for sampling or in the plant as a portable pump
- Operate up to four hours on the self-contained 12 VDC rechargeable battery, or indefinitely from any AC line or 12 VDC power supply
- IP54

Applications:

- Water/Wastewater sampling
- Field for sampling
- etc.



Peristaltic pump Drive

Pump Head

Specification

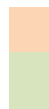
C/L	L/S	I/P	B/T
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	Easy Load	<ul style="list-style-type: none"> New design automatic tubing retention allow for multiple tubing sizes Rotor is constructed of stainless steel Pump head are stackable for multichannel applications 		
	Easy Load II (1-, 2- Channel)	<ul style="list-style-type: none"> New design automatic tubing retention allow for multiple tubing sizes Rotor is constructed of stainless steel Pump head are stackable for multichannel applications 		
	Easy Load 3	<ul style="list-style-type: none"> Same side tubing entry/exit permits easy integration into space-limited Twist-lock mounting feature lets you mount and stack heads in seconds 		
	Multichannel Pump Heads	<ul style="list-style-type: none"> Get low-pulsation synchronous flow in multiple channels without cartridges Flow range 0.045 to 2300 ml/min per channel 		
	Pump Head PTFE Tubing	<ul style="list-style-type: none"> Ideal for high-purity fluids and aggressive organic solvents PTFE tubing is the only wetted part ensuring fluid purity and excellent chemical compatibility 		
	Cytoflow Pump Head	<ul style="list-style-type: none"> The best option for pumping live cells and shear-sensitive fluids Ensure the survival and vitality of live cells 		
	Easy Load II with Open-Head Sensor	<ul style="list-style-type: none"> Available with integrated open-head sensor-connects directly to sensor-equipped drives 		
	B/T Rapid-Load Pump Head	<ul style="list-style-type: none"> Newly designed occlusion mechanism slides occlusion bed out of the way for easy tube loading and improved tubing occlusion Interlock switch shuts off power to stop drive when door is opened 		

PUMP HEAD + **TUBING** + **DRIVE** =



MASTERFLEX[®]
PUMP SYSTEM



C/L Series
L/S Series



I/P Series
B/T Series

Pump tubing for a wide range of Applications and Markets:

Pharmaceutical, Medical research, Industrial, Biotech, Chemical processing, Water treatment, Printing, Food & Beverage, Environmental and Semiconductors

Masterflex Tubing is custom extruded to fit Masterflex pumps and engineered for long life in peristaltic pump applications.

Advantages: Biocompatible, Ultra-smooth, Great for tissue and cell work, Chemical resistance, Heat sealable, etc.

Classifications: USP Class VI, FDA, RoHS, REACH, ADCF, European Pharmacopoeia, NSF, etc.

Sterilization: autoclave, EtO, gamma irradiation

FREE MASTERflex® Tubing Test Kit!

Our FREE Tubing Test Kit is a simple way to test your chemicals against different tubing formulations. Kit contains samples of 19 different pump tubing formulations, formulation descriptions, a selection guide, instructions on how to test your tubing, and complete ordering information. Call today! Request item HL-00101-10.

Call or go online to request your FREE test kit today!



Tubing Formulation



Silicone
(Peroxide-cured)



Biopharm Silicone
(Platinum-cured)



PharMed BPT



Tygon E-LFL



Versilon 2001



Viton



Silicone
(Platinum-cured)



Biopharm Plus Silicone
(Platinum-cured)



PharmaPure



Tygon E-Food



Versilon A-60-N



Solva



Puri-Flex



C-Flex



Chem-Durance Bio



Tygon E-Lab



GORE STA-PURE PCS



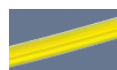
Puri-Prene



C-Flex Ultra



PTFE



Tygon Fuel&Lubricant



GORE STA-PURE FFL

Chemical Compatibility Database

With our Masterflex Chemical Compatibility Database, you can verify the compatibility of your fluid with our unrivaled offering of tubing formulations.

Masterflex.com/MflexChem



L/S Precision Tubing

L/S High-Performance Tubing

Tubing No.	L/S 13	L/S 14	L/S 16	L/S 25	L/S 17	L/S 18	L/S 15	L/S 24	L/S 35	L/S 36
ID	0.8 mm	1.6 mm	3.1 mm	4.8 mm	6.4 mm	7.9 mm	4.8 mm	6.4 mm	7.9 mm	9.7 mm
Hose barb size	1.6 mm	1.6 mm	3.2 mm	4.8 mm	6.4 mm	9.5 mm	4.8 mm	6.4 mm	9.5 mm	9.5 mm
Flow rate (mL/min)	0.06 to 36*	0.21 to 130*	0.8 to 480*	1.7 to 1000*	2.8 to 1700*	3.8 to 2300*	1.7 to 1000*	2.8 to 1700*	3.8 to 2300*	4.8 to 2900*

* Flow rate (approximate) with 1 to 600 rpm

I/P Precision Tubing

I/P High-Performance Tubing

B/T PerfectPosition tubing

Tubing No.	I/P 26	I/P 73	I/P 82	I/P 70	I/P 88	I/P 89	B/T 87	B/T 91
ID	6.4 mm	9.5 mm	12.7 mm	9.5 mm	12.7 mm	15.88 mm	12.7 mm	19.0 mm
Hose barb size	6.4 mm	9.5 mm	12.7 mm	9.5 mm	12.7 mm	15.88 mm	12.7 mm	19.0 mm
Flow rate (L/min)	0.01 to 4*	0.01 to 8*	0.02 to 13*	0.01 to 8*	0.02 to 17*	0.03 to 19*	0.67 to 18.9**	1.4 to 42**

* Flow rate (approximate) with 1 to 650 rpm

** Flow rate (approximate) with 11 to 321 rpm

Fitting and Accessories



Fitting

Various type to comply all your applications such as: Barbed, Reducing Connectors, Y-Connectors, T-Connectors, Luer, Quick-Disconnect Couplings, Clamp Fittings, etc.

Sterilization: autoclave, ethylene oxide or gamma irradiation

Materials: PP, PC, PE, PSF, PVDF, Nylon, etc.



Benchtop tubing Cutter

Steel blade makes right-angle cuts in plastic tubing 1/16" to 5/8" OD.



Autoclavable Cable Ties

Polypropylene (PP) cable ties resist a number of chemicals and are UV-resistant



Ramp Clamp Tubing Clamps

Simply remove wheel to insert tubing, then roll wheel back into clamp to your desired flow rate. Made of pure PBT these clamps are safe to 200 °C



Stainless Steel, Sanitary Clamp

304 Stainless Steel – Ideal for pharmaceutical industry



Ismatec Reglo Miniflex Dispensing Pumps

Versatile multichannel pumps for accurate low-flow fluid delivery – with an intuitive touch-screen

Digital Multichannel pumps

- 5" TFT Touch screen
- Continuous run, volume dispense, and time dispense modes
- Flow rate (per channel): 0.001 to 68 mL/min
- Number of Channel: 2 or 4
- Number of Rollers: 6, 8 and 12
- Flexible operate control via screen, MasterflexLive, or analog remote control

Digital single channel pumps

- 5" TFT Touch screen
- Continuous run, volume dispense, and time dispense modes
- Flow rate: 0.16 to 365 mL/min
- Number of Channel: 1
- Flexible operate control via screen, MasterflexLive, or analog remote control

Gear pump and Piston pump

Achieve high pressure and accurate, pulseless flow – with an intuitive touch-screen interface

- Flow rate: 0.025 to 5840 mL/min
- Max pressure: up to 20.7 bar (300 psi)

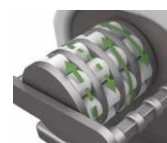
ISMATEC®



Independent Channel Control (ICC) Pumps

Pump each Channel at different speeds and directions

- 2-, 3-, 4-Channels
- 6, 8, 12 Rollers
- Speed: 0.1 to 100 rpm
- Flow rate: 0.0001 to 43 mL/min per channel



High Precision Multichannel Dispenser (ICP) Pumps

Low-flow, high-accuracy pumps provide repeatable results

- Flow rate: 0.0015 to 44 mL/min or 0.00039 to 11 mL/min
- No. of rollers: 8



Ismatec Tubing : 2-, 3- stop and extension

Tubing Materials:

Puri-Flex, Puri-Prene, Puri-Clear LL, Silicone (Platinum-cured), Silicone (Peroxide-cured), C-Flex, PharMed BPT, Chem-Durance, Tygon, Viton, Solva, Versilion, GORE



Kinesis
ET

SPE Manifolds 12- or 24-Port

- Flexible sample collection rack will accommodate a variety of receiving vessels.
- Quick vacuum-release valve for better system control.
- Individual valves-release valve for better system control.

Accessories



Solid Phase Extraction (SPE)



Protein Precipitation (PPT)



Supported Liquid Extraction (SLE)

SPE Columns

Normal & reverse phase & ion exchange workup, catch & release & scavenging columns.
Sorbent: Silica, Si-cyano, C18, C8, Si-TMA chloride, SCX/SAX, etc.



Stopcock



Needle



Male and Female Luer



Frits



Tube adaptor



Empty tubes

Vacuum pump and Filtration Apparatus



Vacuum pump

- Flow rate : 28.3 L/min
- Max Pressure : 4.14 bar
- With gauges, regulators, adjustable relief valve



Filtration Apparatus

- 1, 2, 5 L Collecting Flask
- 300 ml Funnel, Dia. 47 or 50 mm
- Wet part: PTFE

pH/EC/ISE/DO/ORP/Multiparameter



Waterproof Pocket Testers (IP67)

- Simple to calibrate with automatic standard recognition
- Leakproof cap with fill line functions as a sample/calibration and hydrating cup



Handheld Multiparameter (IP67)

- pH/EC/ISE/Salinity/DO/ORP/BOD



Handheld Meters (IP67)

- Intuitive, user-friendly icons-electrode status displays pH slope
- Built-in stand and wall mount option allow for easy benchtop measurement or storage



Buffers/Conductivity Solutions/ISE solutions and other solutions



Benchtop Meters

- Automatically recognizes calibration solutions
- Data logging allows you to store and recall

Cole-Parmer Ultrasonic Processors

Microprocessor-Based programming with digital accuracy and repeatability ensures adherence to the most exacting protocol

Applications: Sample preparation, cell lysing, disaggregation, homogenization, partial size reduction, acceleration of chemical reactions

Ultrasonic Processors



130 W Ultrasonic Processors

- Use for samples from 150 μ L to 150 mL
- With timer and pulser mode



500- and 750 W Ultrasonic Processors

- Use for samples from 250 μ L to 1,000 mL
- Integral temperature controller, energy controller, and memory

Accessories



Probes and tips



Foot switch



Lab jack



Cup Horns



Sound-Abating enclosure

All parameters are continuously displayed on the screen, providing operating mode confirmation without process interruption

OHAUS®

Vortex Mixer

The perfect Vortex Mixer for everyday mixing

Controller: Analog (Auto/off/on rocker switch)

Speed Range: 300 to 2500 rpm

Orbit: 4.9 mm

Weight: 4.4 kg



Accessories



1.5 mL tubes holder (SS)



Foam holders



0.5 mL tubes holder

Documentation Imaging

Gel Documentation Imaging

The **Quantum** is the laboratory standard for **DNA and protein gel imaging**. The system is based on an advanced set of performance ideal to achieve high fidelity and quantitative scientific measurement.

- up to 6 excitation channels in the UV and visible area.
- A large number of dyes could be used such as Ethidium Bromide, Sybr-Safe, Sybr Green, Gel-Red, Gel-Green, Sybr-gold, etc.
- Scientific grade camera : Up to 20 megapixels, 16-bit, Scientific TIFF file or proprietary file format, Motorized zoom lens with feedback

Chemiluminescence & Fluorescence Documentation Imaging

The **FUSION FX** is ideal for quantification grade imaging. **Chemiluminescent blotting** data poses distinct challenges in producing quantifiable, reproducible data.

- Automatic imaging mode compensates the time course of the chemiluminescence reaction by adjusting the exposure time while maintaining the larger possible image dynamic.
- includes our unique Apps Studio approach to imaging. The Apps Studio is a library which contains 40 different protocols for your blot, gel and other bioluminescence samples. The protocol oriented Apps Studio ensures reproducibility and one click acquisition for the best ease of use.





6
L/hr

12
L/hr

Tap Water to Type I

Omniatap is the ideal system when both **pure water** and **ultrapure water**, but in relatively small amounts

Features:

- OptiFill dispenser is standard
- Pretreatment set for direct connection to tap water
- 10-litres pure water tank
- Fully recirculation
- Leakage sensor is standard

3 different model:

- OmniaTap, OmniaTap UV, OmniaTap UV/UF

Water quality:

- Type II: up to 1-15 MΩxcm
- Type I : 18.2 MΩxcm



Real time TOC monitoring

OmniaPure is for highest quality pure water that fulfils the demands of analytical and life science laboratory.

Features:

- OptiFill dispenser is standard
- Real time TOC monitoring
- Fully recirculation
- Leakage sensor is standard

2 different model:

- OmniaPure UV-TOC, OmniaPure UV-TOC/UF

Water quality:

- Type I : 18.2 MΩxcm



One hand operation



Easy water dispensing



Flexible on a work surface



Fits neatly on the wall



Dispenser on the bench



Dispenser on the wall



20
L/hr

40
L/hr

70
L/hr

The big one Type I and Type II

OmniaLab^{ED+} is the larger allrounder for the complete laboratory. The perfect 100 L tank system for both Type II and Type I applications

Features:

- OptiFill dispenser is standard
- Continuous residual salts removal by EDI
- Leakage sensor is standard
- UV lamp is standard

2 different model:

- ED+20, ED+40, ED+70

Water quality:

- Type II: up to 1-15 MΩxcm
- Type I : 18.2 MΩxcm



One hand operation



Easy water dispensing



Flexible on a work surface



Tank fits space-saving under the bench-top



At Oxford Lab Products we pride ourselves on providing our customers with the highest level of service and satisfaction. We require reliability, accuracy and precision when it comes to our laboratory instruments and equipment.



Single channel Pipettes

- Volume lock setting to prevent accidental volume drifts
- Highly durable material for corrosion and physical shock resistance
- Universal tip compatibility
- Fully autoclavable



Serological Pipettes

- Universal to all controllers in the industry
- Comes with filter barrier to stop overflow of liquid into the pipette
- DNase/RNase, pyrogenic, latex, and cytotoxic free
- Sterile and available in individually packed in peel-to-open plastic/paper wrap packaging
- Volume: 1, 5, 10, 25 mL



Multichannel Pipettes

- Volume lock setting to prevent accidental volume drifts
- Highly durable material for corrosion and physical shock resistance
- Universal tip compatibility
- Fully autoclavable
- No of channel: 8, 12, 16 and 24 channels



Spin-down Centrifuge

- Compact design saves valuable bench space
- Fixed speed 6,000 rpm
- Included:
 - 8x1.5/2.0 mL fixed rotor
 - PCR tube rotor
 - 0.5 mL Tube adaptor



Electronic Pipettes

- Simple, color interface to quickly choose pipetting mode
- Ultra lightweight
- Universal tip cones
- Microprocessor controlled aspirating and dispensing
- No of channel: 1, 8 and 12 channels



Centrifuge

- Compact design saves valuable bench space
- LCD Display
- Easy to set and view programs
- Max speed: 15,000 rpm
- Included: 12x1.5/2.0 mL fixed rotor



Pipette Controller

- Convenient push button controls
- Multiple dispensing mode
- Easily cleanable
- NiMH Battery



Tube Rollers

- Pulse model for optimal mixing
- Digital Display
- Programmable
- Speed: 10-80 rpm
- Max Capacity: 27x7 mL

Syringe Pumps



DK Infusetek is a global supplier of laboratory syringe pumps, providing professional micro-flow control solutions.

The intelligent syringe pump with infusion/withdrawal mode, stainless steel body, and color LCD screen. It can install and fix different type of injectors or syringes in the same time, and it is suitable for transferring micro flow rates with high precision.

Working mode: Infusion, withdrawal, infusion/withdrawal, withdrawal/infusion

Channel number: 1, 2, 4, 6, 8, 12 and 24

Syringe size: 10 μ L to 150 mL (1-, 2- channels)
: 10 μ L to 10 mL (4-to 24-channels)

DK DK INFUSETEK CO.,LTD

GVS Filter Technology offers a full line of Laboratory Filtration and analysis products, providing an incomparable experience for the customer in the analytical, chemistry and life science laboratories.



Syringe Filters

- **Membrane:** CA, NY, MCE, PES, PTFE, PE, RC, PVDF
- **Sterile and non sterile**
- **Pore size:** 0.22, 0.45, 0.80, 1.20, 5.00 μm
- **Housing Diameter:** 13, 25 mm
- **Housing:** Acrylic, PP



Syringeless Filters

- **Rapid sample preparation**
- **Single step process, filtering with a plunger in vial**
- **Sample ready to use after filtration**
- **Pore size:** 0.20 and 0.45 μm
- **Housing:** Polypropylene (PP)
- **Membrane Material:** NY, RC, PTFE, PVDF, PES

50 mm Vent Filter



Vent Filters

- **Membrane:** Hydrophobic PTFE
- **Pore size:** 0.45 and 0.22 μm
- **Housing:** Polypropylene (PP)
- **Connectors:** 6 mm to 12 mm stepped barb
- **Filter Area:** 19.6 cm^2
- **Air Flow rate:**
 - 0.45 μm : 32 L/min at 1 bar
 - 0.22 μm : 27 L/min at 1 bar
- **Housing Diameter:** 63 mm
- **Max. Pressure:** 3.5 bar
- **Sterilization:** autoclave or ETO



Transfer Membranes

- **Choice for all protein or blotting applications:** Western blotting, Northern blotting, Southern blotting, Chemiluminescent, Immunoblotting, UV crosslinking, etc.
- **Membrane:** Nitrocellulose, Supported Nitrocellulose, PVDF, Neutral Nylon, Reprobing Charged Nylon
- **Pore size:** 0.45 and 0.22 μm



Bottle Top Filters

- **Membrane Material:** PES
- **Sterile**
- **Pore size:** 0.22, 0.45
- **Capacity:** 150, 250, 500, 1000 mL
- **Membrane Dia.:** 50, 75, 91 mm



Vacuum pumps

- **Included** Moisture trap with filter cartridge
- **Oil-free**
- **Max. flow rate:** 17 LPM
- **Max. Vacuum:** 100 mbar



Centrifuge Tubes

Flat Cap, Sterile, PP, Standard Line, Autoclavable



- **Disposable conical-bottom centrifuge tube are made of high-quality, UPS Class VI**
- **Easy-to-read black graduations are accurate to $\pm 2\%$**
- **Large, unerasable frosted white writing area**
- **Volume:** 15 mL and 50 mL
- **autoclavable at 121 $^{\circ}\text{C}$**
- **freezable to -80 $^{\circ}\text{C}$**
- **max rpm:** 12,500 rpm
- **leak-proof**
- **RNase-free, DNase-free and non-pyrogenic**

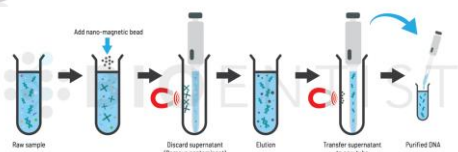
Nano-magnetic Bead



**MagTec™
Xbead™ Series**



MagRack™



MagTec™ Xbead™ Series

Nano magnetic beads for DNA/RNA Extraction

Item Description:

MagTec™ DNA: Nano-magnetic bead for genomics DNA isolation

MagTec™ Viruses: Nano-magnetic bead for DNA/RNA viruses isolation

MagTec™ clean DNA: Nano-magnetic bead for DNA clean-up and size-selection

MagTec™ mRNA Capture Bead

MagRack™ x1: for 1x1.5 ml microcentrifuge tube

MagRack™ x8: for 8x1.5 ml microcentrifuge tube



Robots for Life Scientists



Open-source

Open-source make science better. Our apps, protocols, and hardware are publicly available



Access for large & small Labs

The OT-2 has a CV comparable to robot 10% the cost



Simple by necessity

70% of our customers are new to automation so our tools are radically simple



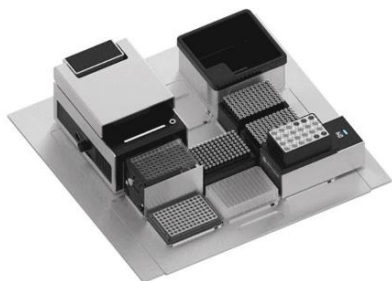
Do it yourself

Order it online just like a laptop try it for 60 days and if you don't like it return IT-100% risk free

Applications:

- Basic pipetting
- Serial Dilution
- PCR Sample Prep
- qPCR Prep
- NGS Library Prep
- ELISA
- etc.

The OT-2 is a bench top liquid handler designed to be affordable, and flexible enough to automate many common applications. With performance equivalent to robots 10x the cost, any life science lab can use the OT-2 to automate their lab work.



Choose your hardware

- 11 deck slots, plus trash, and space for two, swappable, single and 8-Channel pipettes
- Magnetic, Temp, Thermocycler, Heater-Shaker, and HEPA Filter modules available

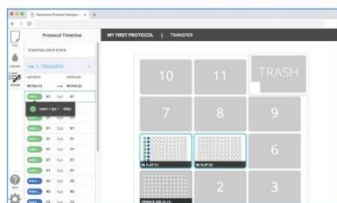
Use your existing labware and reagents

- Reagent and consumables agnostic
- Compatible with any ANSI/SLAS-compliant labware



Reliable liquid transfers from 1–1000 μ L with our swappable single- and 8-channel pipettes

Single-Channel:
P20/P300/P1000
8-Channel: P20/P300



The Protocol Library provides users with open-source and well-documented protocols. Users can browse and download ready-to-use OT-2 protocols – without needing to write code. The Protocol Library contains hundreds of protocols developed by the Opentrons team.



Scan Here !!!!
Video Introduction

User Friendly



Automatic Cell Counter

EVE™



NanoEnTek

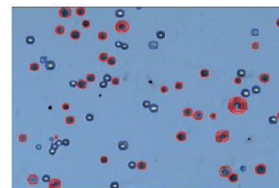
Automatic Cell Counter

Applicable for broad range of cell sizes and types from Primary (tissue, blood) cell lines to stem cells

- 500 test results storage
- Transfers the data to PC using USB drive
- Cell size gating function by select range of cell size

Specifications

- Counting time: < 20 seconds
- Cell measurement range: 1×10^4 to 1×10^7 (cells/mL)
- Cell size range: 5 to 60 μ m



Haier Biomedical was founded to focus on design, manufacturing, marketing and sales of low temperature storage equipment for biomedical samples. Using the concept of IoT, the company has become a provider of comprehensive solutions for various biotechnological challenges. Operating globally, Haier Biomedical, the world's only complete cold chain provider, has solutions storage for biological sample banks, blood safety, vaccine safety, medical supplies and reagent safety.



Laboratory Refrigerators
are Use to store chemicals, reagents and consumables within laboratories and research facilities
Temperature: 3 to 16 °C
Capacity: 190, 310 L



Pharmacy Refrigerators
This product is designed to store blood plasma, biological products, vaccines, medicines and chemical reagents.
Temperature: 2 to 8 °C
Capacity: 68 to 1370 L



Biomedical Freezers
models offer a large capacity storage space with rapid cooling. Integrated design of cold shelf and evaporator provides additional.
Design: Upright or Chest
Temperature: -60, -40, -25 °C
Capacity: 262 to 560 L



ULT Freezers
are designed and manufactured for long term storage of various biological products, including viruses, germs, erythrocytes and leucocytes
Design: Upright or Chest
Temperature: -86, -120 °C
Capacity: 338 to 720 L



Spark Free Refrigerators/Freezers are installed typically in many different laboratories and research facilities to store chemical or experimental reagents that are flammable, explosive, evaporative or corrosive.

Spark Free Refrigerators:

Temp. 3 to 16 °C / Capacity 110, 310 L

Spark Free Freezer:

Temp: -10 to -30 °C / Capacity 92, 278 L



Biological Safety Cabinets (Class II)

They provide the operator with comfortable and safer working conditions. It is widely used in medical health, disease prevention, food safety, biological pharmacy and environment monitoring.

Downflow: 0.28-0.3 m/s; **Inflow:** 0.53-0.55 m/s
Size: 900, 1200, 1500, 1800 mm.



CO₂ Incubators

The Haier Biomedical CO₂ Incubator uses professional and superior technology to provide reliable conditions for frontline medical staff to carry out epidemiological and translational research, and to create a stable cell and virus culture environment for researchers.

IR Sensor, 180 °C dry heat sterilization
Capacity: 80, 170, 258 L



Transport Cooler Solutions

Multi-function handle with casters for easy transportation

Battery: Lithium battery or Rechargeable lithium battery

Temperature Range: 0, -20, -40, -80, -196 °C



Air Purification Sterilizer

Modified macromolecular adsorption resin disinfection + plasma disinfection, ultraviolet + titanium dioxide photocatalyst disinfection, and nano-silver ion filtration layer disinfection together ensures bacterial and viruses purification rate > 99.9%.

Bento Bioworks

The Whole DNA analysis Lab in your hands.

DNA analysis for anyone, anywhere

Our mission is to make DNA lab work accessible to anyone. We create powerful yet easy-to-use devices, affordable supplies, and knowledge guides, to enable beginners and professionals to use the power of PCR anywhere.

System:

Dimension: 330x214x81 mm

Weight: 3.5 kg

Power: 110-240 V, 47-63 Hz



ทางบริษัทฯ มีบริการให้ความรู้และคำปรึกษาการออกแบบ ผลิตรวมถึงการติดตั้งห้องปฏิบัติการ วิทยาศาสตร์โดยทีมผู้เชี่ยวชาญซึ่ง งานผลิตและติดตั้งเป็นไปตามมาตรฐานสากล ภายใต้พื้นฐานความปลอดภัยเป็นหลัก นอกจากนี้ยังจำหน่ายผลิตภัณฑ์ในห้องปฏิบัติการ

อาทิเช่น

- ตู้ดูดไอระเหยสารเคมี (Fume Hood)
- ตู้เก็บอุปกรณ์และเก็บสารเคมี
- โต๊ะปฏิบัติการทางวิทยาศาสตร์
- โต๊ะวางเครื่องชั่ง
- ชุดล้างตาและล้างตัวฉุกเฉิน
- ตู้เก็บเสื้อกราวน์ และรองเท้า
- เป็นต้น



Steam Boilers and Retorts



เครื่องฆ่าเชื้อแบบใช้ไอน้ำ (Sterilized Retorts)

ทางบริษัทฯ จัดจำหน่ายและติดตั้ง เครื่องฆ่าเชื้อแบบใช้ไอน้ำ สำหรับโรงงานอาหาร และ สำหรับการเรียนการสอน ซึ่งผ่านการออกแบบจากวิศวกรผู้ชำนาญการ สามารถใช้ได้กับ ภาชนะบรรจุอาหารหลากหลายรูปแบบ อาทิเช่น บรรจุภัณฑ์ที่ถ่วง ขวดแก้ว กระป๋อง เป็นต้น โดยทางบริษัทฯ จัดจำหน่ายเครื่องฆ่าเชื้อแบบใช้ไอน้ำหลายรูปแบบ ได้แก่ เครื่องฆ่าเชื้อแบบ ใช้ไอน้ำโดยตรง เครื่องฆ่าเชื้อแบบสเปรย์น้ำ เครื่องฆ่าเชื้อแบบสเปรย์น้ำและใช้ไอน้ำ โดยตรง เครื่องฆ่าเชื้อแบบหมุน รวมไปถึงระบบควบคุมเครื่องฆ่าเชื้อ (ตู้ Control) ด้วย



เครื่องให้กำเนิดไอน้ำ (Steam Boilers)

ทางบริษัทฯ จัดจำหน่ายและติดตั้ง เครื่องให้กำเนิดไอน้ำ ได้แก่ ชนิดใช้กระแสไฟฟ้า (Electronic Boiler), ชนิดใช้แก๊สหุงต้ม (LPG) และชนิดใช้ปิโตรเลียม ทั้งในระดับการเรียนการสอน และระดับอุตสาหกรรม โดยทีมงานวิศวกรชำนาญการ

Laboratory Consumable



Chemicals

- Standard grade and AR grade Chemicals



SPE accessories

- SPE Columns, Empty tubes, Tube adaptor, Frits, Luer, Stopcock, Needle, etc.



Glasswares

- Beakers, Erlenmeyer flasks, Volumetric flasks, Measuring pipette, Burettes, Density bottles, Desiccators, etc.



Pipette tips

- Volume: 10, 20, 100, 200, 300, 1000, 5000, and 10000 μ L
- Non-sterile and sterile tips
- Non-filter tips, filter tips
- Pyrogen-free



Plasticwares

- Beakers, Cylinder, HDPE bottles, Centrifuge bottles, Cryotubes, Funnels, distill Water and safety bottles, TC Flasks, Inoculating Loops, Round-Bottom tubes, Specimen bottles etc.



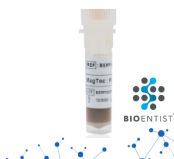
Microtubes, PCR tubes and PCR plates

- Microtubes: 1.5/2.0 mL
- PCR tubes: 0.2 mL, thin wall, strip of 8 tubes
- PCR plates: 0.3 mL max. well volume (96 wells)
- DNase-, RNase-free



Centrifuge tubes

- 15 mL and 50 mL
- freezable to -80°C
- max rpm: 12,500 rpm
- leak-proof
- RNase-free, DNase-free



Nano-magnetic beads

- MagTec™ Xbead™ Series easy for DNA/RNA extraction



Well Plates

- U and Flat bottom
- Non-treat and treat
- Wells: 6, 12, 24, 48, 96, 384 wells
- RNase-free, DNase-free



Freeze drying flasks

- Silicone top, glass bottom
- Capacity: up to 2000 mL



Syringe filters

- Membrane: CA, NY, MCE, PES, PTFE, PE, RC, PVDF
- Sterile and non sterile
- Pore size: 0.22, 0.45, 0.80, 1.20, 5.00 μ m
- Housing Diameter: 13, 25 mm



Forceps

- Thumb, Jansen, Ticket, Brophy, etc.

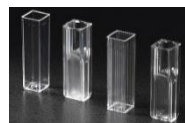
Scissors

- Operating, Iris, Hammacher, Curved, etc.

Spatulas



Filter Papers / Membranes Filters



Cuvette

- Disposable (Plastic), Glass, Quartz



Masterflex and Ismatec Tubing

- Masterflex and Ismatec Tubing** are custom extruded to fit Masterflex pumps and engineered for long life in peristaltic pump applications.



Folding skirt stoppers

- Rubber stoppers (-20 to 100°C)
- Silicone stoppers (-60 to 220°C)



pH Buffer and other solutions



Made to order Glasswares

stakpure

MASTERFLEX®
part of avantor

GVS

Cole-Parmer®
an antylia scientific company

OHAUS®

grant

ALCHEMIST
SCIENTIFIC CO.,LTD
Solution To Grow

ISMATEC®

vwr™
part of avantor

OXFORD
LAB PRODUCTS USA

DK INFUSETEK CO.,LTD

ALCHEMIST SCIENTIFIC Co., LTD

บริษัท แอลเคมิสท์ ไซเอนติฟิค จำกัด (สำนักงานใหญ่)

300/218 โครงการพาคิไอ พระราม 9-ศรีนครินทร์ ถนนเทพกรีธา

แขวงหัวหมาก เขตบางกะปิ กรุงเทพมหานคร 10240

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