

Precision Optical Sensors

- Head space oxygen and DO in injectable vials & blister packs
- Online monitoring - O₂, pH and biomass in shake flasks
- Optical online DO probe for all bioreactors (do not require polarization)
- O₂ sensor spots for flexible measurement



Laboratory Centrifuges

- Microcentrifuges / cyto centrifuges
- Refrigerated/non-refrigerated tabletop centrifuges
- High speed tabletop centrifuge (30,000 RPM & 70,121 x g)
- High capacity refrigerated and heatable centrifuges (3 litres)
- Floor standing centrifuges up to 12 litres
- Blood bank centrifuges (IVD option)



Cell Isolation / Culture Experts

- Automated cell separator, compact Bioreactor for high throughput
- Cell culture, maintenance, differentiation, storage media and supplements (Immunology, iPSC, MSC, hematopoietic, mammary, neural)
- CHO and Hybridoma production media & related products
- Immunomagnetic, non-immunomagnetic cell separation kits
- Density gradient media, ELISA kits, cytokines, growth factors, antibodies
- Hypoxia chamber, single flow meter
- Genome editing products, sepmate tube for PBMC isolation
- Organoids - lung, pancreas, intestine, liver, gastric, neural cerebral
- Primary and cultured cells, automated cell thawing system
- Smartdish, culture dish, STEMgrid-6, polypropylene / polystyrene tubes

sales@labmateasia.com

Immunohistochemistry and Immunofluorescence Reagents

- Vectastain ABC, ImmPRESS polymer staining kits
- Lectins, mounting media, counter stains, antibodies
- Antigen retrieval reagent, autofluorescence quenching kit
- Enzyme substrates, hydrophobic PAP pen
- Neuronal tracers & glycobiology reagents
- Cross-Linkers, glycan analysis, protein detection/visualization



a xylem brand

Biochemistry Monitor & Control

- Measurement of glucose, lactate, glutamate, glutamine, ammonium & potassium
- Measurement of xylose, ethanol, glucose in biofuel
- Auto sampling from bioreactors



Laboratory/Industrial Microscopes

- Upright & Inverted Microscopes - Binocular/ Trinocular Fluorescence / Metallurgical
- Multiheaded Microscopes (co-observer and upto 21 observers)
- Stereo Zoom Microscopes - Binocular / Trinocular Fluorescence
- Cytogenetic Application (Karyotyping & FISH Imaging)

Other Products

- Biolamina, Sweden - Laminins for cell culture
- Euromex, The Netherlands - Inverted / stereo zoom microscopes, multi-headed microscope, upright microscope with Smart Light Control (SLC)
- Rockland, USA - Antibodies and Reagents for Western Blot and Immunoprecipitation

■Ahmadabad ■ Bangalore ■ Hyderabad ■ Kochi ■ Kolkata
■ Lucknow ■ Mumbai ■ New Delhi ■ Pune

www.labmateasia.com

Product Profile



Regd Office :

Baid Mehta Complex,
183, Mount Road,
Chennai - 600 015. INDIA.

Mobile: +91 99406 12128

Phone: 044 2220 0066 / 0166

sales@labmateasia.com



Online Viable Biomass Monitoring

- In bioreactors for microbial and cell culture application
- Real time monitoring of viable yeast pitching in breweries
- Online and offline total biomass monitors



Cell Morphology Bio-sensor

- Study of cellular attachment, growth, metastatic potential, barrier and invert function
- Wound healing and electroporation in multiple wells
- Trans-Epithelial/Endothelial electrical resistance (TEER) measurements



Affinity chromatography & Bioseparations solutions

- Purification resins for insulin, glycoproteins & antibodies
- Ion exchange, affinity, hydrophobic interaction chromatography & screening products
- Contaminant removal resins, columns & accessories
- AstreAdept™ Nanofiber-based Cell and Gene Therapy Purification Technology
- The Nereus LentiHERO™ to enable high recovery of purified lentiviral particles.



Tissue Homogenizers (Lyse/Homogenize/Grind samples)

- Fast, efficient, powerful 3D bead beating technology
- Flexibility:- 0.3, 0.5, 2, 7, 15 & 50mL lysing tubes
- High throughput - 96 position
- Microbial air sampler - Coriolis



Electroporation, Electrofusion, Embryo manipulation

- Microbial, plant, mammalian cell electroporation
- Electrocell fusion, hybridoma production, embryo manipulation systems, CRISPR-Cas9 transfections
- High throughput (96 sample) and *in-vivo* option
- Patented system for intramuscular & intradermal delivery of DNA vaccine

sales@labmateasia.com



In-Vivo & Ex-vivo Micro Computed Tomography

- High resolution and high throughput micro-CT / nano-CT
- *In-vivo* & *ex-vivo* imaging with variable magnification & low dose
- Multimodality imaging solutions with PET, SPECT & MRI



Freeze Dryers / Lyophilizers

- Lab & pilot scale models for vial & tray drying
- Freeze dryer for solvent application
- Rotational vacuum concentrators
- Special Trays, membranes and Bags for Freeze drying API Products from Teclen. GMP compliance



Tools for Epigenetics and Chromatin Biology Research

- Histone peptide array for high throughput screening
- Recombinant mononucleosomes, HeLa nuclear extract
- SNAP-CHIP panels, CUTANA assays



Flow Induced Dispersion Analysis (FIDA)

- Quantify and characterization of protein interactions under native conditions
- Peptide-liposome interaction in-solution



Translational Genomics Solutions

- Reference standards for whole genome and NGS
- CRISPR engineered cell lines(HAP1)
- CHO cell line for bio-production

www.labmateasia.com



Bioreactors (Bacterial / Cell Culture)

- Autoclavable bioreactor - upto 10L
- *In situ* and Parallel bioreactors (Lab/Pilot)
- Super safe sampler (aseptic sampling system)

Shakers (Microbial/Cell cultures)

- Benchtop / floor model Shakers (up to 3 Decks).
- CO₂ and humidity control for cell culture
- Magnetic shaker to be used in CO₂ incubators

interscience

Equipments for Microbiology Lab

- Manual & automated colony counter
- Bagmixer (stomacher)
- Automatic spiral platers & gravimetric diluters
- Programmable peristaltic pumps



Cell Screening and Bio Production

- ClonePix: Selection and picking of high yielding mammalian clones
- Qpix: Microbial colony picking and arraying
- CloneSelect Imager with fluorescence option
- DispenCell: Single-Cell printer



Transfection reagents for Mammalian Cells

- cGMP transfection reagents for nucleic acid in cell lines
- Large-scale protein virus production
- In-vivo delivery of siRNA or DNA



O2k Technology for Mitochondria and Cell Research

- Respiration measurement at controlled O₂ levels, NADH and CoQ, ROS production, mitochondrial membrane potential, ATP production, Ca²⁺, and pH
- High-Resolution PhotoBiology - Photosynthesis and dark respiration

sales@labmateasia.com