LabXcite

Innovate | Diffuse | Transform

Reliable Laboratory Solutions for Research Excellence

Delivering advanced laboratory equipment tailored to enhance research, testing, and analytical workflows with confidence and accuracy.



+91 8971855369

www.labxcite.com

srilatha.labxcite@gmail.com

Location:

Ground Floor, No.12, Gokula
1st Stage, 7th Cross Mathikere
Bengaluru -560054

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INVERTED FLUORESCENCE MICROSCOPE

Strong Fluorescence Imager with Optimized Light Path Technology

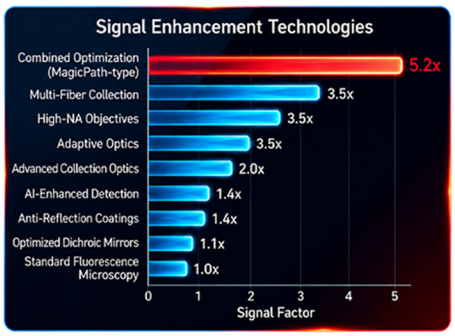


Red Prime Model : RF40

MagicPath™ Red's Optimized Light path Technology

5.2x

Fluorescence Signal Enhancement

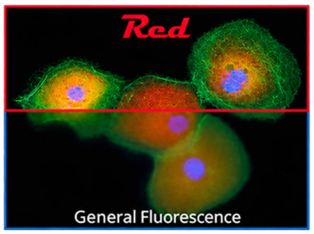


MagicVision™ Blur-Free Fluorescence Imaging

Blur-Free

Fluorescence image

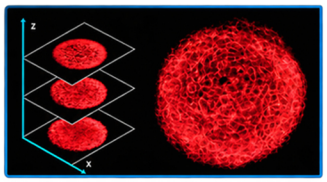
Red's MagicVision™ technology eliminates blur to deliver sharp, high-definition fluorescence imaging



MagicDepth™ Motorized Z-Axis Multi-layer Imaging

100nm

Precision Z-step size Sectioning



MICROSCOPE SYSTEMS



Particle Size Analyzer



Metallurgical Microscope



Polarizing Microscope



Research Microscope



Digital Stereo Zoom Microscope



Inverted Microscope

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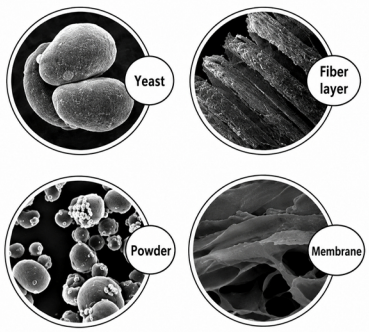
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MODULE SCI SCANNING ELECTRON MICROSCOPE

PV-100 SERIES

Table-Top W-SEM

- Sample exchange time within 60s
- Magnification 20X to 300,000X
- Cost effective compared to others
- Motorized 5-axis (X, Y, Z, R, T) stage
- Available simple and fast installation

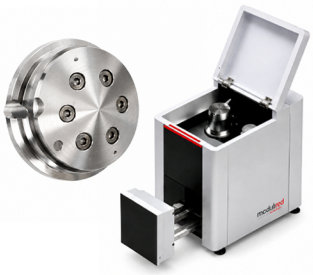




Pre-centered Filament
Easy replacement and maintenance

E/W Evaporation Sources













EDS (Oxford, BRUKER)



ELECTRON MICROSCOPY CONSUMABLES



TEM Grids



Conductive
Paints, Pastes & Aerosol



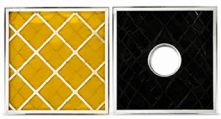
Pin Mount SEM Specimen Holders
Tungsten filaments



Tweezers
SEM adhesive tapes



QUANTIFOIL® TEM
Substrates



UltraAuFoil® Holey
Gold Support Films



AutoGrid
Rings & C-clips



Cryo-ultramicrotomy



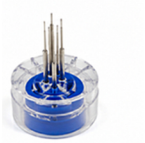
Cryo Grid Boxes



Cryo Grid Box
Handling Tools



Clipping Tools, Cryo Dewars,
Foam Dewars & Cryo Shippers



Thermo Fisher/FEI
Vitrobot Supplies

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CloudSpec - MARMA LABS

Quantification of Antibody - Conjugated RNA LNPs

Robust UV/VIS technology	Quantify RNA & Antibody at the same time	15 second measurement

Quantify RNA and AB in a single 15 sec measurement

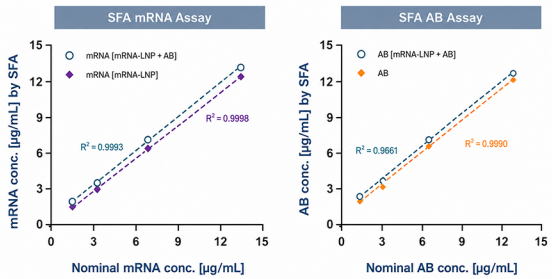
Scatter-free absorption (SFA) spectroscopy can accurately quantify both RNA and DNA, outperforming conventional assays such as RiboGreen. This application note demonstrates that SFA can simultaneously measure RNA encapsulated within a lipid nanoparticle (LNP) and a targeting antibody (AB).



CloudSpec Nano Analyser
NO DYES OR PARTICLE DISPERSION NEEDED

Quantification of RNA and antibody in intact LNPs

mRNA and antibody concentrations in an mRNA-LNP sample spiked with AB were quantified using individual spectra of the components . The objective was to demonstrate the SFA's ability to accurately, selectively, and linearly quantify both payloads within a single 15-second scan. To assess sensitivity and selectivity, one analyte was systematically varied while the other was held constant. Measured concentrations were then plotted against known input values to evaluate the assay linearity.



RNA concentration (left) and antibody concentration (right) against the expected concentration. Each plot shows the free analyte measurement and as a component of the RNA-LNP + AB mixture. The linear trends highlight the excellent selectivity specificity, and measurement accuracy in both scenarios.

VOLTAS



REFRIGERATOR



FREEZER



ULTRA LOW FREEZER

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DAIHAN SCIENTIFIC PRODUCTS - KOREA



Incubator



ThermoStable Incubator



SMART Gravity-air Incubator



CO2 Incubator



Orbital Shaker



Autoclave



Muffle Furnace



Humidity Chamber



Safety Cabinet



Reagent Storage Cabinet



Freeze Dry System



Evaporators



Heating Mantles



Homo Disperser



Viscometer



Digital Overhead



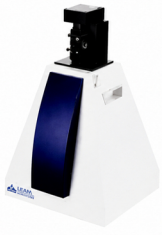
Homogenizers



Ultrasonic Cleaners



Multi Hotplate Stirrers



Gel Documentation

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LABORATORY & SAFETY SOLUTIONS



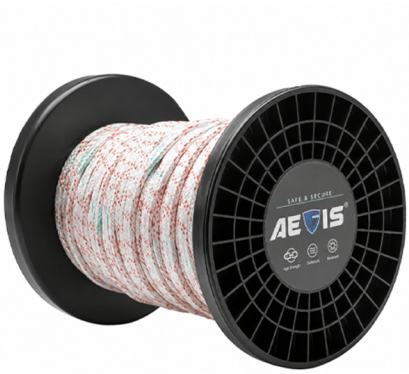
TRIAIRPOD™ AIR PURIFICATION UNIT

- ULPA filtration system
- Multi-angle air diffusion
- World-class EC blower
- Up to 25 room air changes/hour
- Portable, plug-and-play design



AEGIS™ FIRE EXTINGUISHING TAPE

- Tape-type active fire-fighting product
- Easy winding-type installation
- Excellent initial fire suppression
- Width: 50 / 100 / 200 mm
- Length: 1000 mm | Activation: 160°C
  Lifespan: 10 years



AEGIS™ FIRE EXTINGUISHING WIRE

- Automatic fire extinguishing wire
- High fire-extinguishing performance
- Suitable for electrical / cable protection applications
- Size: 1000 mm (4 × 6)
- Extinguishing capacity: 100 Litres
  Activation: 200°C | Lifespan: 10 years

ROCKER SCIENTIFIC

ROCKER 400



- Compact, Care-free with Prote™ overflow protection
- Max. vacuum: 99 mbar abs.
- Max. flow rate: 34 L/min

CHEMKER 400



- Oil free with superior chemical resistance and overheat protection
- Max. vacuum: 99 mbar abs.
- Max. flow rate: 33 L/min

LAFIL 100



- All in one suction system integrates Vacuum source, Waste bottle and suction kit into one single system
- Max. vacuum: 103-213 mbar abs.
- Max. flow rate: 10 L/min

WATERVAC 100



- Build-in-liquid pump transfers filtrate directly to waste without waste bottles or tubing connection
- Max. vacuum: 313 mbar abs.
- Max. flow rate: 0.5 L/min

PILOT 100



- Vacuum Conroller compatible with most of vacuum sources including diaphragm piston pumps, rotary vane pumps, etc.
- Graphic User Interface
- Detachable & Remote Control

GALAXY 330



- Colony counter compatible with petri dishes of various sizes
- Magnification : 2X
- Operation Function: Average, Zero reset Count back

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MAKE IN INDIA



LAMINAR AIR FLOW



BIO SAFETY CABINET



AUTOCLAVE



HOT AIR OVEN



ANALYTICAL BALANCE



SPECTROPHOTOMETER



AUTOMATED CELL COUNTER



MOISTURE ANALYZER



STABILITY CHAMBER



FREEZE DRYER



ULTRASONIC CLEANING MACHINE



PROBE SONICATOR



PH CONDUCTIVITY METER



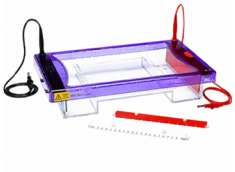
WATER BATH



WATER PURIFICATION SYSTEM



ICE FLAKER



ELECTROPHORESIS



GEL DOCUMENTATION SYSTEM



CENTRIFUGE



ORBITAL SHAKER

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CHARACTERIZATION SERVICES

From Microstructure to Atomic Resolution

Advanced material characterization enabling precise understanding of structure, composition, and performance across micro to atomic scales.

CORE TECHNIQUES

Surface Imaging & Morphology
- SEM / TEM
- Optical Microscopy
- AFM

Crystallography & Phase Analysis
- XRD
- EBSD
- SAED

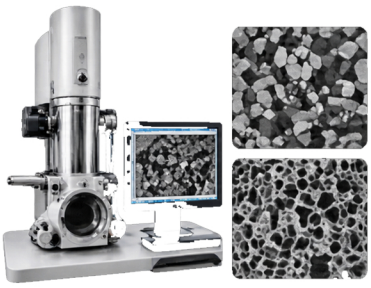
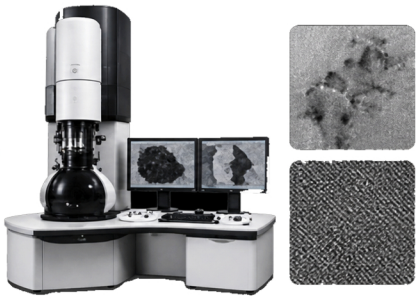
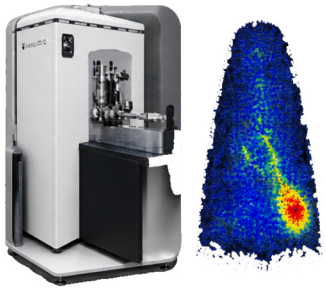
Atomic Scale & Chemical Analysis
- APT
- EDS / WDS
- Raman / FTIR / UV-Vis

Thermal & Porosity Studies
- TGA / DSC
- BET
- X-ray Tomography

Failure Analysis & Root Cause
- Fractography
- Defect Mapping
- Surface Degradation

Advanced Imaging & Data Correlation
- Multi-scale Imaging
- Structure–Property Correlation
- Data Interpretation

OUR CAPABILITY ACROSS LENGTH SCALES

MICROSTRUCTURE INSIGHTS	NANOSTRUCTURE INSIGHTS	ATOMIC RESOLUTION INSIGHTS
SEM	TEM	APT
		
Surface morphology topology and compositional contrast	Internal structure, defects and nano-scale features	3D atomic mapping and chemical composition at single atom sensitivity

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