LabTech India



Our Ethos

Delivering cutting-edge solutions that empower laboratories and industries with accuracy, reliability, and long-term sustainability – while advancing green innovation through green hydrogen and solvent recovery systems. Our commitment to contribute towards a cleaner, safer future for science and society.

~LABTECH INDIA

COMPANIES IN OUR PORTFOLIO

LabTech

ErreDue
www.erreduegas.it

LemnaTec
MEMBER OF THE NYNOMIC GROUP

SCIEX

SINCE 1889
Yamato
For the Future of Science & Technology
Yamato Scientific Co., Ltd.

EPITYCHIA

HYDROLAB®
WATER PURIFICATION SYSTEMS

EMAIL: SUPPORT@LABTECHINDIA.CO.IN
CONTACT: +91 81001 86371

Our Star Product Rotary Evaporator

The LabTech evaporation solutions introduce a new concept in routine distillation/evaporation processes: safety, efficiency, and durability to support the lab user's work!
With an innovative and ergonomic design, the EV series rotary evaporators include a color digital display to monitor and control rotation speed/temperature, motorized vertical lift, evaporation flasks, and online sample adding through a PTFE valve.



Features:

- Programmable operations
- Complete Package
- Flexibility for most efficiency
- Anticorrosion sealing system
- Robustness for long Durability
- Integrated Vacuum Control
- Instruments perfectly suited to operate together
- Excellent price/performance ratio

Main Application

- Solvent recycling
- Chemical synthesis
- Active agent concentration
- Solvent distillation
- Extraction
- Vacuum distillation of sensitive substances
- Powder drying
- Research
- Liquid mixture separation



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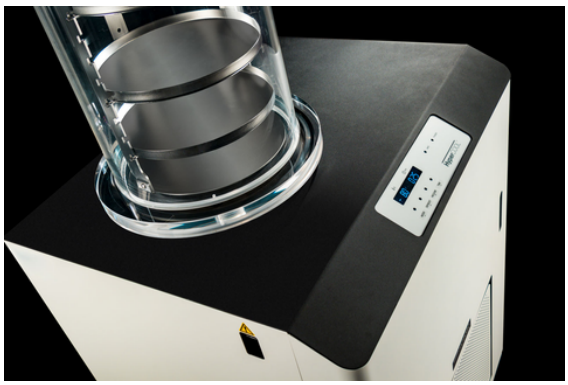
Water Chillers

The LabTech water chiller line is specially designed for analytical, medical, and industrial use, providing accurate control of the temperature. LabTech water chiller line ranges from **240W to 9000W** featuring temperatures from **-20 to 35°C**

Vacuum Concentrators

Labtech MVP Vacuum Concentrators achieve high-throughput automatic evaporation of liquid samples through vacuum, heating, and rotation. They improve work efficiency and sample recovery, reduce human errors, and enhance the accuracy of analysis.



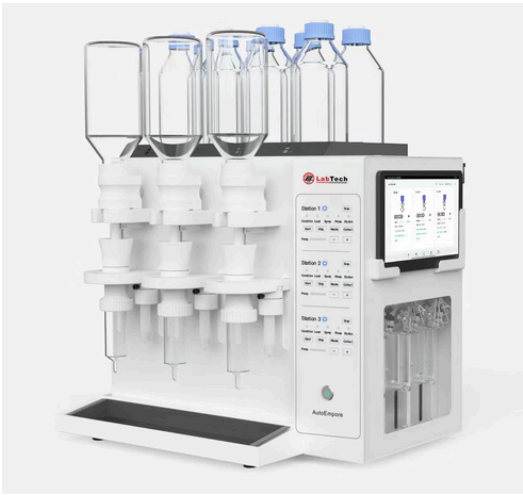


Freeze Dryer

Freeze drying is a low temperature dehydration process which involves freezing the product, lowering pressure, then removing the ice by sublimation. With 2 models featuring temperatures from **-110°C to -55°C** and ice condensing capacity of **3 kg**, all goals of a lab can be achieved.

Solid Phase Extraction

Solid-phase extraction, commonly referred to as SPE, is an extraction technique that uses the affinity of a solid substance (solid phase), generally packed in columns or disks, with one or more substances present in a more or less complex matrix.



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Multiple Position Magnetic Stirrer with Hotplate



MG600H

- Plate material: Aluminum with ceramic coating
- Stirring capacity: 100- 2000 mL x 6pcs.
- Heater: up to 600W
- Magnet: Neodymium magnet



MFH-800

NOTE: Please contact us to share your requirements to select the best model for your needs.

Spray Dryer & Granulation



- Temp. Adjusting unit setting range: 40 to 220deg.C (inlet temperature), 0 to 60deg.C (outlet temperature)
- Drying air amount adjustment range: 0～0.7m3/min
- Spray air pressure adjustment range: 0～0.3MPa
- Liquid sending pump flow rate range: 0～26 ml/min
- Heater: 2.0 kW (at 200V) to 2.88 kW (at 240V)



NOTE: Please contact us to share your requirements to select the best model for your needs.

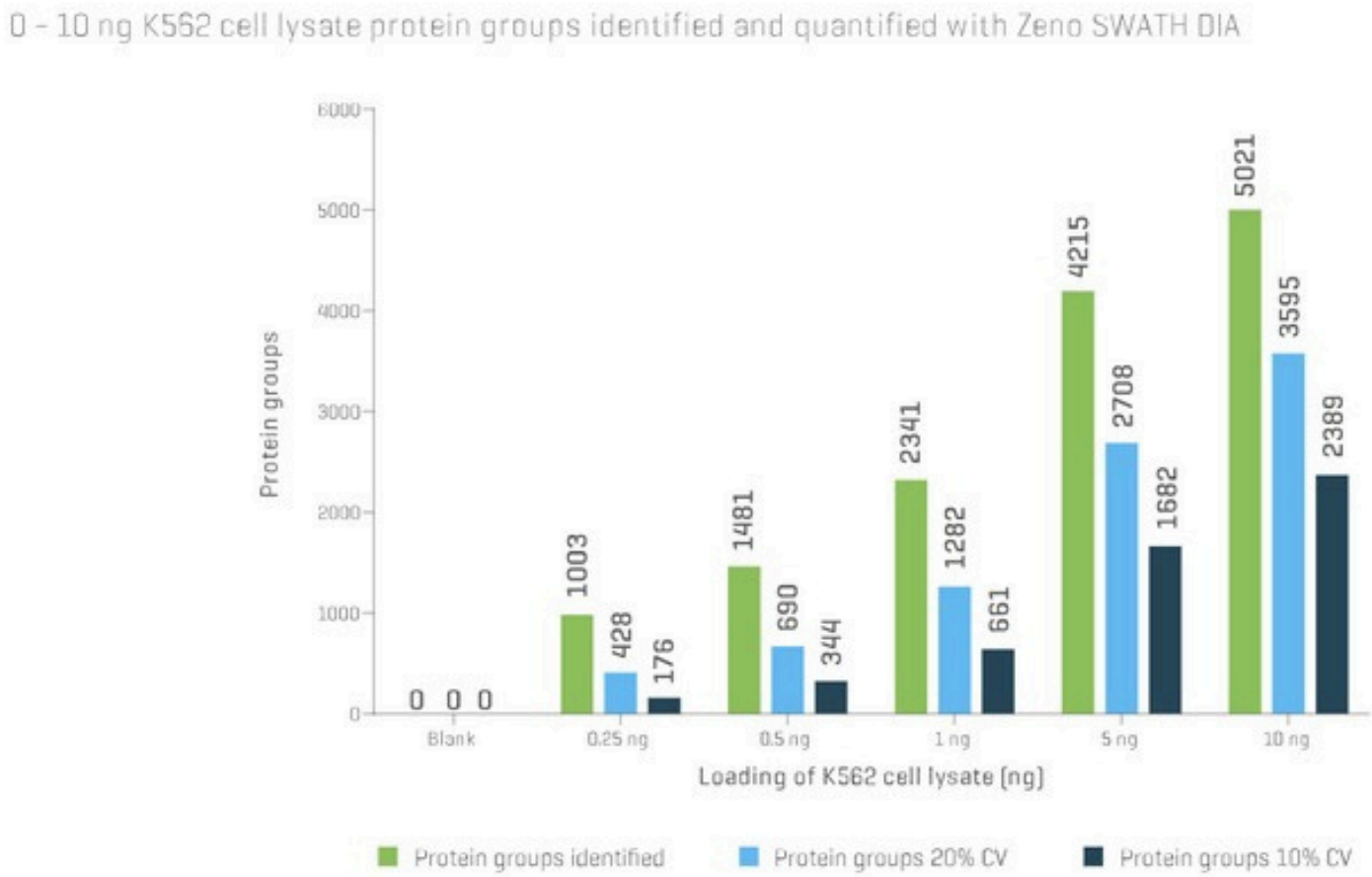
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ZenoTOF 7600 Sectrometer

Powered by the Zeno trap and advanced Electron-Activated Dissociation (EAD) fragmentation, this fragment-centric platform delivers up to 20× higher sensitivity, enabling deeper molecular insight with greater confidence–faster. Access a versatile range of tunable fragmentation techniques and unlock new perspectives across every molecule, in every experiment.

With Zeno SWATH Data Independent Acquisition (DIA), achieve exceptional coverage depth, especially for low-abundance species, with speed and robustness. Routinely quantify up to twice as many plasma proteins as conventional approaches, accelerating the discovery of novel disease markers and therapeutic targets



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Laboratory Applications



The HLP and R-series demineralizers are advanced tap water-powered systems designed to meet the demands of modern laboratories, delivering water suitable for analytical and instrumental applications, with the R-series producing ultra-pure water compliant with ISO 3696:1999 first-degree water and featuring extensive automation for process monitoring, data archiving, alarm customization, membrane connection control, and content level indication



HLP Series

Features:

- Flow rate from 5 to 60 LPH
- ASTM Type I, Type II & Type III
- Output water conductivity <0.06 µS/cm
- Multiple purification levels
- Multiple simultaneous outputs

R Series

Features:

- Flow rate from 5 to 30 LPH
- ASTM Type I, Type II & Type III
- Output water conductivity <0,055µS/cm
- Multiple purification levels with microfiltration
- Multiple simultaneous outputs

Industrial Applications



Water treatment systems with an industrial capacity of **100 to 1000 dm₃/h.** The stations allow obtaining high-purity water that meets the requirements of ISO 3696: 1999, **ASTM for first, second, and third degree purity waters**. Each device is designed and manufactured to meet individual customer needs. These devices can be used in the industry (pharmaceutical, food, cosmetics, electronics, etc.) as a central unit producing demineralized water.

Features:

- Flow rate from 100 – 1000 dm₃ / h
- ASTM Type I, Type II & Type III
- Output water conductivity <0,06µS/cm
- Retention rate is 96-99%
- Possibility of creating a water distribution network with intake points covering several rooms or floors in a building

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Hydrogen Gas Generators

ErreDue develops and manufactures Ultra-pure hydrogen generators with PEM technology and PSA/TSA drying technology. Powered simply by electricity and deionised water, ErreDue hydrogen generators are ideal for any application: as carrier gas for GC-FID / GCNPD / GC-TCD, as reagent gas for GC-ELCD / GCHALL, as reaction gas for ICP-MS, MPVCD, and as a source for Green Hydrogen Production.



Mars Hydrogen Gas Generators

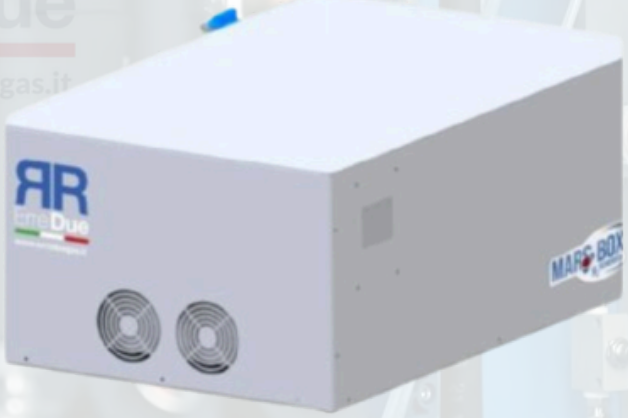
Specifications:

- Flow rate from 150ml to 1200 ml/min
- Output gas purity up to 99.99999%
- Output gas pressure is 10 bar
- 3.5" colour touchscreen
- RS485 & Ethernet connections available

Mars Box Gas Generator

Specifications:

- Flow rate from 1200ml to 3600 ml/min
- Output gas purity up to 99.99999%
- Output gas pressure is 10 bar (optional 15 bar)
- 3.5" colour touchscreen
- RS485 & Ethernet connections available
- Maintenance Free TSA Regenerating Dryer System





SIRIO Hydrogen Gas Generator

Specifications:

- Flow rate from 0.5Nm^3/hr to 200Nm^3/hr
- Output gas purity up to 99.99999%
- Output gas pressure is 15 bar (optional 30 bar)
- Colour touchscreen
- Ethernet - Modbus TCP/IP connections available
- Average power consumption is 4.6kW/m^3

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Nitrogen Gas Generators

Meet the ErreDue nitrogen generators–smart, and efficient solutions for on-demand high-purity nitrogen. Using advanced PSA or membrane technology, they deliver the right pressure and purity directly to your lab with no extra equipment required. Modular, energy-efficient, and equipped with real-time purity monitoring, they're designed for clean, reliable performance made simple.



LYRA

Specifications:

- Membrane-based technology
- Flow rate from 25 lpm to 65 lpm
- Output gas purity up to 99.995%
- Output gas pressure is up to 9 bar
- 3.5" colour touchscreen
- With an inbuilt air compressor
- RS485 & Ethernet connections available



GALILEO

Specifications:

- PSA-based technology
- Flow rate from 2 lpm to 78 lpm
- Output gas purity up to 99.9995%
- Output gas pressure is 7 bar
- 3.5" colour touchscreen
- With and without an inbuilt air compressor
- RS485 & Ethernet connections available

SATURN Ultra Pure Nitrogen

Specifications:

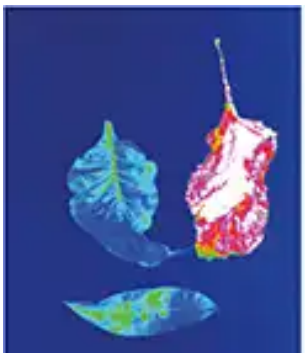
- PSA-based technology
- Flow rate up to 250Nm^3/hr
- Output gas purity up to 99.9999%
- PLC Control Panel included
- Best suited for industrial processes like MAP Packaging, Inertization, Thermal treatment of metals, etc.
- RS485 & Ethernet connections available

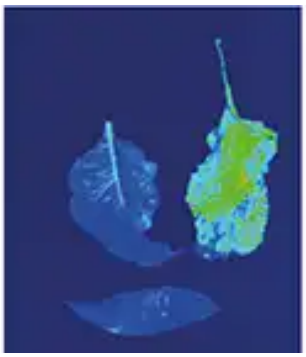


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LemnaTec Plant Phenotyping Technologies and Application







PHENOAIXPERT PRO

The versatile phenotyping system for laboratories

The PhenoAIxpert Pro product family combines powerful analytical software with a range of hardware options. Thereby, it enables reproducible and standardizable results in plant research, breeding, product development, quality assessment, and beyond.

Features:

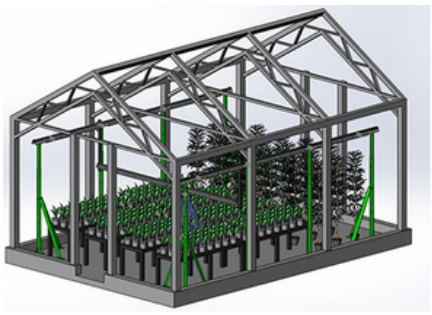
- Image acquisition, storage, and advanced image analysis, including machine learning options
- Metadata, annotation, and analysis are directly linked to the image
- Intuitive graphical user interface
- Advanced LED illumination options
- The laboratory phenotyping system is available with industry-grade cameras in horizontal and vertical positions, combined with different lighting and imaging technologies
- Phenotypic data include count, size, morphology, and color, as well as application-specific features
- Easy export of images and data

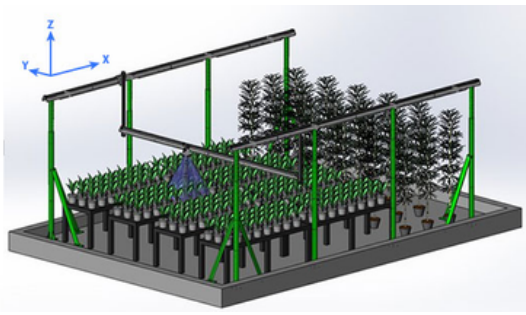
CANOPYAIXPERT

CanopyAIxpert is a multi-camera sensor-based plant phenotyping system for glasshouses, growth rooms, climate chambers, cultivation halls, or indoor farms. This technology is dedicated to users who work with ground-standing plants directly in soil, in containers, or in pots that are not movable or intended to be moved.

Features:

- High-resolution plant phenotyping
- Available for glasshouses and closed climate rooms
- Experiment planning and automated measuring
- Sensors unified in a measuring head or a sensor exchange system
- Scalable design for various room sizes
- Two- or three-directional movement





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Epitychia Made In India Products

Scien-Chill Recirculating Water Chiller

Scien-CHILL recirculating water chillers, manufactured by Epitychia Solutions, deliver precise, reliable, and energy-efficient cooling for modern laboratories and R&D environments. Designed for continuous operation, Scien-CHILL ensures stable temperature control for critical applications, including rotary evaporators, condensers, reactors, and analytical instruments.

Main Application

- XRD
- XRF
- Rotary Evaporator
- ICP-OES
- ICP-MS
- Electron Microscopy



Epitychia Fume Hood



Epitychia laboratory fume hood is a ventilated, enclosed workspace designed to capture, contain, and exhaust hazardous chemical fumes, vapours, gases, and dust. It serves as a primary safety mechanism to protect laboratory personnel from inhaling toxic substances and shields users from accidental spills or splashes via a transparent, adjustable front window called a sash.

These are tied into the facility's overall HVAC and exhaust system. A blower fan pulls contaminated air from the hood and vents it completely outside the building. They are ideal for volatile, highly toxic, or corrosive chemicals.

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Addresses & Contacts

Reg. Office: GB-47, Rajdanga Main Road, Nabapally, Sector-E, East Kolkata Township, Kolkata-700107
Email: support@labtechindia.co.in
MOB: +91 81001 86371
Branches: SURAT & BANGALORE