



Your Partner in Complete Laboratory & Pharmaceutical Engineering Solutions

Advanced Laboratory Solutions | Pharmaceutical Equipment |
Clean Room Systems | Validation & Compliance | Turnkey Projects

End-to-End Turnkey Solutions for Scientific & Pharma Facilities

Design • Manufacturing • Installation • Qualification • Maintenance

Delivering Precision, Compliance & Performance for Modern Laboratories

PRODUCT CATALOGUE

Integrated Pharma Solutions

- Pharmaceutical
- Quality Control
- Biotech R&D
- Research & Academia

SCAN TO EXPLORE
OUR WORK
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Benchtop Centrifuge

- Maximum speed up to 15,000 RPM for routine sample processing.
- High RCF up to 25,000 × g for dependable separation performance.
- Supports fixed-angle and swing-bucket rotors for flexibility.
- Handles tubes and bottles across multiple laboratory formats.
- Auto-lock lid and imbalance protection support safe operation.
- Brushless motor ensures low-noise, maintenance-free use.



High Speed Centrifuge

- Up to 100,000 RPM for advanced ultracentrifuge workflows.
- Delivers up to 802,000 × g for high-efficiency separation.
- Space-saving design with ergonomic low-height access.
- Self-locking rotor system supports safe daily handling.
- Touchscreen interface enables clear control and monitoring.
- Carbon-fiber rotors offer durability, safety and long life.



Ultrapure Water System

- Type 1 water up to 18.2 MΩ-cm for critical lab use.
- Meets ASTM, ISO and CLSI standards for regulated environments.
- UV and ultrafiltration remove organics, pyrogens and nucleases.
- Real-time TOC monitoring supports consistent water quality.
- Precise dispensing up to 2 L/min for controlled workflows.
- GLP-ready interface supports monitoring and intuitive operation.



Pure & Ultrapure Water Purification System

- Provides Type 1 and Type 2 water for critical lab applications.
- Delivers up to 18.2 MΩ-cm purity for ultrapure water use.
- RO, UV and UF stages support reliable purification output.
- Integrated monitoring tracks purity, status and system safety.
- Real-time TOC monitoring supports stable water quality.
- Compact design supports cartridge change and low maintenance.



Biosafety Cabinets

- Advanced dual-blower airflow supports operator protection.
- Intelligent airflow control maintains stable cabinet performance.
- H14 HEPA filtration ensures high contamination control.
- Class II A2 / B2 design supports flexible lab applications.
- Touchscreen with alarms enables safe real-time operation.
- Easy-clean interior with UV and LED lighting supports hygiene.



Microbial Air Sampler

- Available in 100 and 180 L/min airflow configurations.
- Design minimizes turbulence and re-aspiration effects.
- Portable body with rechargeable battery for easy use.
- USB data download supports setup, storage and PC access.
- 21 CFR Part 11 compliance supports data integrity.
- Suitable for cleanrooms, isolators and RABS monitoring.



Ultra Low Deep Freezer (-86°C)

- Storage range from -40°C to -86°C for critical samples.
- V-Drive cooling supports uniformity and stable control.
- Natural refrigerants reduce power use and heat load.
- Touchscreen enables monitoring, alarms and data logging.
- Fast temperature recovery protects samples during door opening.
- Low-noise design supports reliable long-term storage.



LN₂ Cryogenic Storage System

- Automated LN₂ fill and level control support safe operation.
- Microprocessor control enables continuous monitoring.
- Vapor-phase storage protects long-term sample integrity.
- Capacity up to 93,000 cryovials for high-volume storage.
- Advanced alarms support temperature and LN₂ level safety.
- Compact design provides easy access and daily handling.



Incubators

- Temperature range +5°C to +70°C for sensitive incubation.
- Peltier cooling is energy-efficient and CFC/HFC-free.
- Uniformity ±0.3°C and stability ±0.1°C support precision.
- Available in 178 L benchtop and 381 L floor models.
- Programmable profiles and timers improve workflow control.
- Safety alarms with SS chamber and glass door aid monitoring.



Stability Chamber

- Temperature and RH control support stability study workflows.
- Resolution 0.1°C, stability ±0.1°C and uniformity ±0.5°C.
- Programmable control supports temperature and RH ramping.
- Removable water tank eases operation and maintenance.
- Dual access ports support validation and data monitoring.
- SS 304 chamber with alarms, logging and process safety.



Laboratory Ovens

- Temperature up to 250°C / 300°C for versatile laboratory heating.
- Available from approx. 60 L to 750 L capacities.
- Gravity or mechanical convection supports uniformity.
- Optimized airflow enables stable and fast heating results.
- Digital controls and timer support precise operation.
- SS chamber supports easy cleaning and long service life.



Vacuum Oven

- Up to 260°C operation for controlled thermal processing.
- Uniform heat distribution supports reliable treatment.
- PID controls enable precise setting and monitoring.
- Durable construction supports safe daily operation.
- Suitable for drying, curing and degassing applications.
- Ideal for sensitive sample preparation under vacuum.



Micro-Volume Freezing Point Osmometer

- Measures 0–3000 mOsm/kg H₂O by freezing point method.
- Requires only 30–50 µL sample volume for low-volume QC use.
- Peltier solid-state cooling eliminates liquid cooling needs.
- Approx. 90-second analysis supports routine sample testing.
- Touchscreen, memory, USB/RS-232 and direct data/print output.
- Audit trail and 21 CFR Part 11 support compliance.



Multi-Sampler Osmometer

- Fully automated multi-sample osmometer for unattended use.
- 24-sample turntable supports high-throughput testing.
- Closed probe with auto-rinse reduces contamination risk.
- Automatic sample injection supports pipette-free handling.
- Automatic calibration supports reliable osmometry output.
- 21 CFR Part 11, GMP and EU Annex 11 ready design.



Muffle Furnaces

- Temperature up to 1100°C / 1200°C for thermal processing.
- PID control supports accurate and stable heating.
- Ceramic fiber insulation enables uniform heat transfer.
- Fast heating design helps reduce energy consumption.
- Digital display and timer simplify programmed operation.
- Ideal for ashing, annealing and heat-treatment needs.



Water Baths

- Ambient to 100°C for versatile laboratory applications.
- Available in 2 L to 28 L capacities, including shallow types.
- Microprocessor control supports precise temperature stability.
- Over-temperature and low-fluid protection support safe use.
- Digital display and presets simplify routine workflows.
- SS chamber with drain system supports easy cleaning.



Refrigerated & Heated Circulating Water Bath

- Temperature range -45°C to +200°C; heated models up to +300°C.
- Supports internal and external closed-loop circulation.
- Suitable for reactors, viscometers, thawing and testing.
- Modular system with 6 to 53 L bath size options.
- Programmable control with ramps, timer and pump settings.
- Flow up to 24 L/min and pressure up to 560 mbar.



Refrigerator & Freezer

- Dual chamber: 2–8°C refrigerator and -20°C / -40°C freezer.
- Independent microprocessor control for both chambers.
- Forced-air cooling supports stable refrigerator uniformity.
- Hydrocarbon refrigerant with CFC-free insulation system.
- Alarms for temperature, door, sensor and power failure.
- Stainless steel interior with USB data logging support.



Shaker Incubator

- Incubated and refrigerated models support orbital shaking.
- Orbital motion 25–400 rpm supports sample agitation.
- Temperature control to 60°C; refrigerated operation to –5°C.
- Large platform supports flasks, tubes and large vessels.
- Microprocessor control enables setup and live monitoring.
- Low-vibration drive supports stable daily operation.



CO₂ Incubators

- Temperature range ambient +5°C to 50°C for cell culture.
- HEPA filtration maintains a clean chamber environment.
- Accurate CO₂ and temperature control support critical work.
- Sterilization up to 140°C supports decontamination.
- Direct heat / air jacket design ensures uniformity.
- Smart controls, alarms and SS chamber support daily use.



Vacuum Concentrators

- Vacuum evaporation supports rapid sample concentration.
- Suitable for DNA/RNA, PCR samples and proteins.
- Vacuum control reduces bumping and sample loss.
- Supports tubes, vials, microplates and flasks.
- Digital interface enables programmable operation.
- Corrosion-resistant chamber supports low maintenance.



Vortex Mixer & Hotplate Stirrer

- Supports vortexing, shaking, stirring and heated mixing.
- Wide speed control suits tubes, flasks, plates and beakers.
- Heating up to 350°C supports prep and thermal mixing.
- Digital controls improve timing, accuracy and repeatability.
- Strong magnetic coupling supports stable bench operation.
- Safety features support confident routine laboratory use.



Pipette / Micropipette

- Available in single, 8, 12 and 16-channel formats.
- Volume range from 0.2 µL to 10 mL for flexible use.
- Ergonomic lightweight body reduces hand strain.
- Secure volume lock prevents accidental setting changes.
- High precision supports reproducible liquid handling.
- Chemically resistant and autoclavable for lab hygiene.



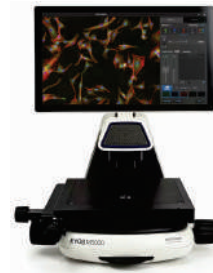
pH/Conductivity Meter

- Measures pH, ORP, ISE, conductivity, DO and temperature.
- Available in benchtop and portable configurations.
- Graphic LCD with guided calibration supports operation.
- Stores up to 2000 / 5000 data points with time history.
- Portable models offer IP67 protection for field testing.
- Compatible with wide sensor and electrode options.



Multimode Microplate Reader

- Supports absorbance, fluorescence and luminescence.
- Suitable for ELISA, protein and plate-based assays.
- Scalable configuration supports future lab expansion.
- Environmental control supports sensitive live-cell work.
- Intelligent software streamlines setup and analysis.
- Automation-ready design improves throughput efficiency.



Cell Imaging Systems

- High-resolution imaging supports research documentation.
- LED optics provide stable light with low photobleaching.
- No complex alignment or routine calibration required.
- Compact design fits modern controlled lab spaces.
- Automated imaging improves reproducibility and consistency.
- Suitable for cell culture and fluorescence applications.



NanoDrop Systems

- Requires only 1–2 μ L sample volume for microvolume use.
- UV-Vis range 190–850 nm supports routine testing.
- Enables rapid DNA, RNA and protein quantification.
- Minimal sample requirement suits daily QC workflows.
- Touchscreen with connectivity supports easy operation.
- 21 CFR Part 11 support available for regulated labs.



Fluorometer / Quantification System

- Accurate DNA, RNA and protein quantification for labs.
- High sensitivity supports low-abundance samples.
- Minimal sample input suits valuable research materials.
- Target-specific chemistry improves result confidence.
- Reduces contaminant interference during measurement.
- Compact user-friendly design suits R&D and pharma labs.



PCR Thermal Cyclers

- Designed for reliable routine and advanced PCR work.
- Advanced block technology supports thermal precision.
- Connected features enable remote monitoring and control.
- Space-saving benchtop formats suit modern labs.
- Ideal for assay development and molecular testing.
- Flexible platform range supports varied throughput needs.



Real-Time PCR Systems

- Supports gene expression and genotyping workflows.
- Enables pathogen detection and research validation.
- Cloud connectivity supports remote monitoring and access.
- Intuitive interface simplifies setup and data review.
- Reliable sensitivity supports critical applications.
- Scalable options suit growing molecular testing needs.



Automated Cell Counter

- Provides rapid counting and viability in seconds.
- Advanced autofocus supports accurate consistent results.
- Reduces manual error and operator variability.
- Touchscreen enables quick and intuitive operation.
- Suitable for cell culture and sample normalization.
- Compact enclosed design supports hygiene and ease.



Neon NXT Electroporation System

- High-efficiency transfection across diverse cell types.
- Supports strong viability with reliable gene delivery.
- Suitable for cell engineering and molecular workflows.
- Compact design fits controlled and biosafety labs.
- Simplified operation improves workflow consistency.
- Optimized protocols support reproducible outcomes.



Microplate Washers

- Supports ELISA and routine microplate washing work.
- Automation-ready design improves speed and efficiency.
- User-friendly operation simplifies routine daily use.
- Compact footprint suits shared controlled workspaces.
- Improves wash consistency and assay reliability.
- Ideal for biotech, pharma and research testing labs.



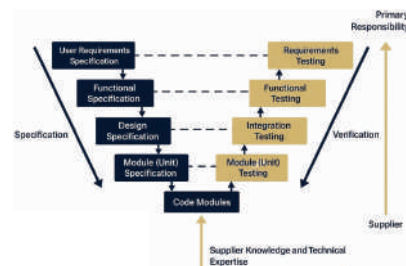
Dräger H₂O₂ Sensor Calibration

- Professional on-site calibration for Dräger H₂O₂ systems.
- Ensures accurate detection and reliable performance.
- Performed using certified and traceable standards.
- Quick on-site support helps minimize downtime.
- Detailed reports support compliance and audit needs.
- Ideal for pharma, cleanroom and decontamination use.



Vacuum Transmitter Calibration

- Calibration for vacuum transmitters and Pirani gauges.
- Performed as per ISO 3567 direct comparison method.
- Uses traceable reference standards for verification.
- Suitable for MKS, Leybold, Edwards, Pfeiffer and INFICON.
- Supports accuracy, repeatability and consistency.
- Certificate includes traceability and uncertainty data.



Computer System Validation (CSV)

- End-to-end CSV aligned with GAMP 5 and 21 CFR Part 11.
- Covers URS, DQ, IQ, OQ and PQ lifecycle activities.
- Supports data integrity, security and compliance.
- Suitable for LIMS, SCADA, BMS, EMS, QMS and lab software.
- Risk-based approach with audit-ready documentation.
- On-site support delivered with minimal disruption.

Engineering Excellence

Supporting Modern Laboratories & Pharmaceutical Facilities



Founded in 2018, we are a service-driven organization with our corporate office in Ahmedabad, Gujarat, and a growing presence through branch offices in Delhi, Hyderabad, and Mumbai.

We specialize in delivering precision-engineered solutions for laboratories, scientific facilities, and pharmaceutical environments, with a strong emphasis on efficiency, compliance, and operational reliability.

Backed by deep industry expertise and a clear understanding of controlled environment standards, we offer end-to-end solutions—from concept planning and system design to installation, validation, and continuous technical support. Each project is executed with meticulous attention to detail, strict regulatory adherence, and a focus on long-term performance.

Our core capabilities span laboratory equipment, scientific instrumentation, pharmaceutical systems, cleanroom solutions, and calibration services. We are committed to ensuring consistent quality, dependable performance, and seamless operations across research, testing, and manufacturing environments.

Driven by precision and engineering excellence, we strive to create high-performance environments that align with the evolving needs of modern laboratories and pharmaceutical industries.

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