



PROCHEM TECH MACHINES

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Find the best Solution
With us.

Solid Phase Extraction (SPE)

Nitrogen Evaporator

Multi-Tube Vortexer

Handy Vortexer

Vacuum Desiccator

Ultrasonic Cleaner

Liquid-Liquid Extraction (LLE)

Laboratory Consumables

About Us

Prochem Tech Machines is a leading manufacturer and supplier of cutting-edge laboratory and analytical equipment. Located in Vadodara, Gujarat, we specialize in providing advanced solutions like Solid Phase Extraction (SPE) systems, Nitrogen Evaporators, Vortex Mixers, Vacuum Desiccators, Ultrasonic Cleaners, and a wide range of laboratory consumables.

With a commitment to quality and precision, we serve industries such as pharmaceuticals, environmental testing, and research laboratories. Our focus on innovation and customer satisfaction is supported by comprehensive after-sales services, including maintenance and buy-back programs.

At Prochem Tech Machines, we strive to empower laboratories with reliable and efficient equipment, ensuring superior performance every step of the way.

Vision & Mission

Vision :

To be a global leader in providing innovative and reliable laboratory solutions, empowering industries to achieve excellence in research, analysis, and production while fostering sustainability and technological advancement.

Mission:

- To deliver high-quality laboratory and analytical equipment that meets international standards and exceeds customer expectations.
- To continuously innovate and provide tailored solutions that address the unique needs of various industries, including pharmaceuticals, environmental testing, and research.
- To build lasting relationships with clients through exceptional after-sales support, including maintenance, training, and buy-back programs.
- To contribute to scientific progress by enabling laboratories with state-of-the-art technology that enhances efficiency and precision.

Solid Phase Extraction (SPE)



Solid Phase Extraction (SPE) is a key technique for isolating and purifying analytes across industries like pharmaceuticals, environmental testing, and food safety.

Our SPE solutions offer:

- High Efficiency: Superior analyte recovery and purity.
- Versatility: Adapts to diverse sample types and applications.
- User-Friendly Design: Streamlined workflows for faster results.
- Durability: Built to withstand rigorous lab use.
- Country of Origin: Made in India
- Samples : 144 Samples
- MOC : SS 316
- Gas : Nitrogen
- Flow : Max 10 lpm
- Pressure : 0 - 4 bar Gauge
- Cylinder Dual Cylinder Technology
- Light LED Light for better Visualization

Prochem Tech Machines delivers reliable SPE systems to meet the demands of modern laboratories, ensuring precision and reproducibility.

-Ve Solid Phase Extraction (SPE)



Key Features:

- **Vacuum Range:** 0-25 inches Hg
- **Material:** Acrylic Chamber
- **Port Options:** 12, 24, 48, 100
- **Capacity:** Customizable
- **Ideal For:** SPE Cartridges Vacuum System

Advantages:

- **High Throughput:** Process up to 100 columns at once
- **Cost-Efficient:** Saves time & reduces costs
- **Versatile Compatibility:** Fits all standard SPE tubes
- **Clear Monitoring:** Transparent chamber for easy observation
- **Customizable:** Adjustable racks for various containers

Specifications (100-Position):

- Acrylic Chamber, Vacuum Gauge
- 100 Position Cover with Fittings, Stop Plugs
- 100 Guide Needles, Waste Container
- Valve Assembly & 4 Supports
- **Reliable & Efficient Solutions for Your Lab**
- Prochem Tech Machines offers high-performance SPE systems for modern laboratories.
- This version is short, clear, and perfect for a flyer with key points easily visible. Let me know if you need any adjustments!

PTM 144 Position Nitrogen Evaporator



The PTM 144 Position Nitrogen Evaporator provides efficient sample concentration and drying, ideal for pharmaceutical, environmental, and research laboratories.

Key Features:

- Evaporates 1 mL methanol at 40°C and 80 PSI nitrogen flow.
- Evaporation rates:
 - 3 mL/min at 50–70 PSI
 - 5 mL/min at 70–90 PSI
 - 10 mL/min at 90–120 PSI
- Pharma-grade stainless steel body for durability.
- Touchscreen controller for easy operation.
- Dual pressure regulators and gauges for precise control.
- 144 SPE and evaporation collection racks with removable nozzles.
- Integrated LED lighting for enhanced visibility.

Ideal for high-throughput and precise sample evaporation

Multi-Tube Vortexer



The Multi-Tube Vortexer is designed to provide rapid and efficient mixing of samples in multiple tubes simultaneously, making it ideal for high-throughput laboratories. It ensures consistent and uniform vortexing, even with varying sample viscosities.

Key Features:

- Multiple tubes at once, enhancing productivity.
- Touch Screen Based Controller.
- Easy 3 Mode User Defined Programming for RPM And Time.
- User Defined 3 Pulse Mode
- Adjustable speed control for different mixing requirements.
- Durable, space-saving design for lab efficiency.
- Quiet operation with minimal vibrations for a stable environment.

Ideal for pharmaceuticals, clinical testing, and research applications.

Handy Vortexer



The Handy Vortexer offers fast and efficient mixing for smaller sample volumes, providing reliable results with minimal space requirements. Its portable design makes it perfect for on-the-go use, while delivering consistent, high-speed vortexing.

Key Features:

- Compact and lightweight, ideal for limited space.
- Powerful motor for thorough mixing of small samples.
- Adjustable speed for various mixing needs.
- Ergonomic design for comfortable, easy handling.

Perfect for research labs, clinical settings, and educational institutions

Vacuum Desiccator



The Vacuum Desiccator is designed to provide a moisture-free environment for drying, storing, and preserving sensitive samples under vacuum conditions. It is ideal for laboratories needing efficient moisture removal and sample protection.

Key Features:

- **Vacuum-Sealed Environment:** Effectively removes moisture from samples.
- **Durable Construction:** Made with high-quality, corrosion-resistant materials.
- **Easy Operation:** Simple to use with a reliable vacuum pump connection.
- **Transparent Design:** Allows clear visibility of samples during storage.
- **Perfect for use in pharmaceuticals, chemical, and environmental laboratories.**

Liquid-Liquid Extraction (LLE)



Our Liquid-Liquid Extraction system is designed to efficiently separate compounds based on their solubility in immiscible liquids, ideal for various applications in pharmaceutical, environmental, and research laboratories.

Key Features:

- Speed Control: Adjustable from 20 to 150 rpm for optimal mixing.
- Time Control: Customizable time settings from 0 to 10 minutes for precise extraction.
- Versatility: Suitable for a wide range of sample types and solvents.
- Compact Design: Space-saving and user-friendly for lab environments.

Perfect for high-throughput extractions, ensuring efficient compound isolation and purity.

Ultrasonic Sonicator



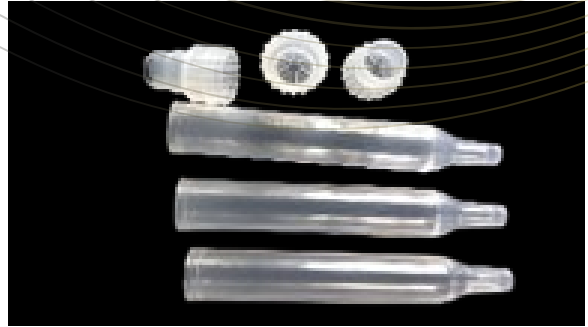
Ultrasonic Cleaner with Chiller Unit

- Tank Capacity: 20L (350 x 300 x 200 mm), SS304L, Mirror Finish
- Ultrasonic Power: 400W, Operating Frequency: 33 KHz
- High-Performance Transducers: Imported PZT Piezo Rings
- Drain & Basket: SS304, Chrome-Plated Mesh (1x1 inch spacing)
- User-Friendly Control Panel: LCD Display with Timer (99 mins), DEGAS, PSP (Sweep), Ultra-Mode
- Chiller System: Temperature Range from Ambient to 10°C, CFC-Free Compressor
- Energy Efficient Insulation: Foam-encased to minimize cooling loss
- Power Supply: 220V, 50Hz, Single Phase

Lab Consumables



1.2 ml PP FLATE BOTTOM vials with
Star burst cap



1.2 ml PP LOW recovery shell vials
with cap



0.8 ml flat bottom nano vials with cap



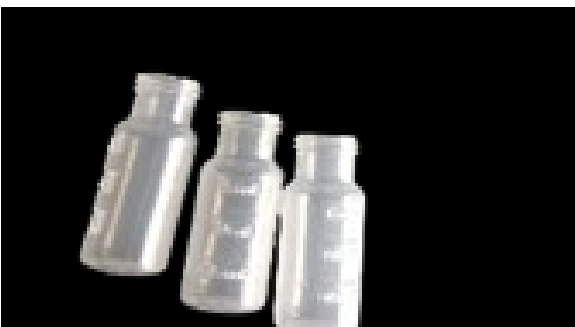
PP insert for Glass vials



PP insert with marking



1.2 ml Glass vials with cap



1.5 ml HPLC Bottle vials



9mm screw thread PP red PTFE

Lab Consumables



We offer a wide selection of high-quality Lab Vials, designed for the safe storage, transportation, and analysis of samples. Our vials are available in various sizes and materials, ensuring compatibility with different laboratory applications, including pharmaceuticals, environmental testing, and chemical analysis.

Key Features:

- Variety of Sizes: Multiple volumes for different sample needs.
- Durable: Made from borosilicate glass or high-quality plastics.
- Leak-Proof: Tight-seal caps for contamination-free storage.
- Easy Labeling: Space for clear sample identification.
- Autosampler-Compatible: Ideal for automated systems.

Applications:

- Pharmaceuticals, chemicals, environmental research.
- Chromatography, spectrometry, scientific analysis.



Included Documentation and Support

Provided Certificates:

- Quality Assurance Certificate
- Material Safety Data Sheet (MSDS) Certificate
- Certificate of Conformity
- Calibration Certificate
- Traceability Certificate
- Test Certificates
- Warranty Certificate
- IQ, OQ, and PQ with accuracy checkpoints

Technical Support:

Expert support team is available for installation, training, and troubleshooting.

Few of Our Prestigious Clients





PROCHEM TECH MACHINES

Contact Information

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with Cutting-Edge
Solutions.**

