

High-Performance Laboratory Solutions

Innovative Plates, Instruments, and Sample Preparation Solutions for Life Science and Chromatography Applications



Polypropylene Storage / Collection and Filtration Plates

- Formats: 24, 48, 96, 384 well
- Well Types: Square & Round
- Bottom Options: U, V, flat & Pyramid
- Volumes: 350 μ L to 10 mL
- Options: Solid plates and filter plates
- Designed for: Sample collection and storage for Chromatography and Life Science applications, Genogrinder, Magnetic Beads

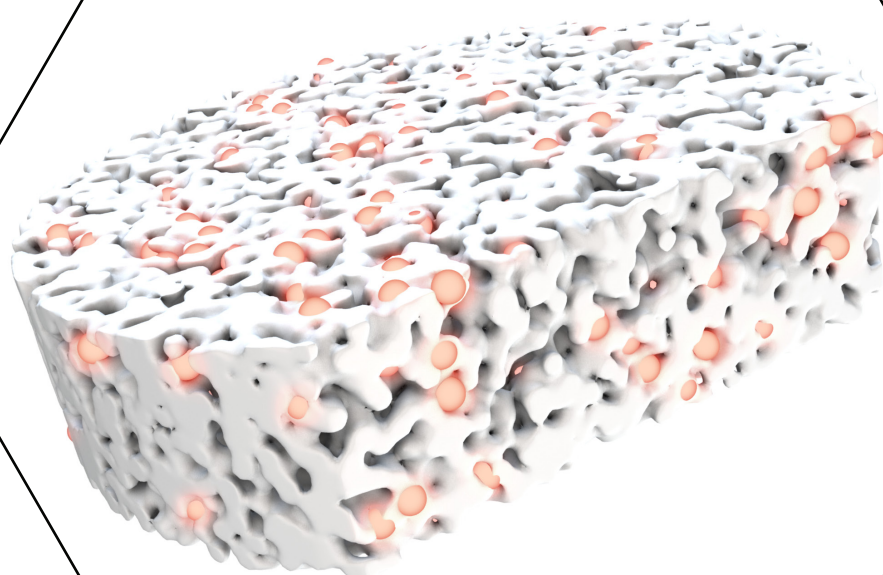
Features: Sterile Virgin polymer, tested for low extractables
& leachables



Microplates for Life Sciences

- Formats: 6, 24, 48, 96, 384 well
- Well Types: Round
- Bottom Options: U, V and flat for imaging
- Volumes: 100 μ L to 50 mL
- Options: Solid plates, strip wells and filter plates
- Designed for: Cell culture, ELISA, imaging, staining, DNA, RNA and protein extractions

Features: Available sterile for cell culture Made from virgin grade polymer
Complete solutions for drug discovery and monoclonal antibody workflows, including specialist 50 mL volume plates



Sample Preparation Solutions

- Unique Microlute technology for Solid Phase Extraction (SPE) with high reproducibility
- 96 well solutions for efficient and simple processing of:

Protein Precipitation

Supported Liquid Extraction

Phospholipid Removal

Membrane Filtration Applications

- Positive Pressure Manifold & Vacuum Manifolds for efficient and reproducible processing

Sealing Instruments – Plates & Vials

- Sealing Options: Heat or Adhesive
- Automation Levels: Semi Automated → Automated

Features:

Adjustable temperature & time

Single sheet / multi-plate roll sealing

Gas purge option

Compatible sealing films



Sample Concentrator Instruments

- Blow-down evaporator for fast, reproducible dry-down
- Automation-ready with:
 - Settable temperature, flow rate time & sample position
 - Operates up to 80°C & 90 L/min

Compatibility:

Plates & vials up to 15 cm tall

Small footprint for compact lab setups

Temperature control for sensitive samples

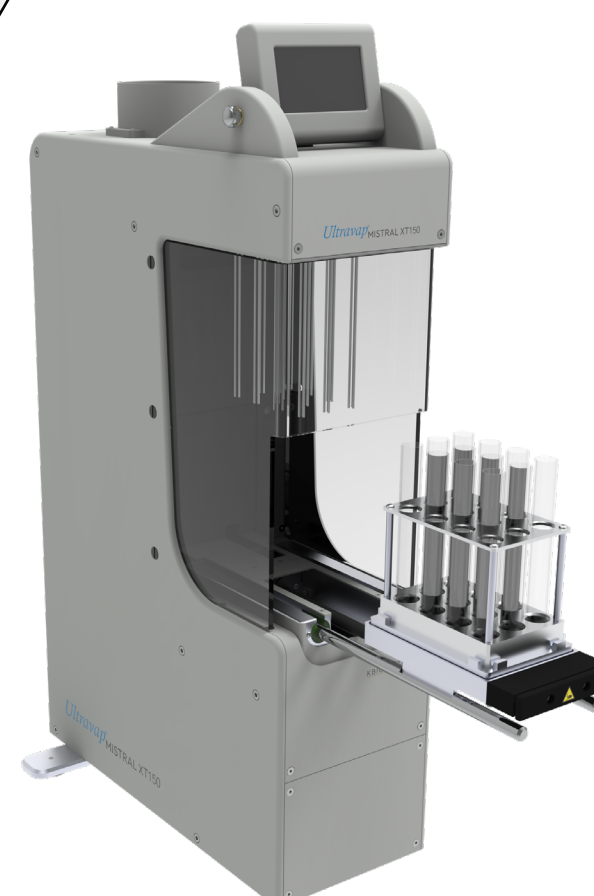


Plate Handling & Labelling

- Compatible with Porvair Sciences instruments and wider range of instruments
- Easy programming for lab automation to handle all ANSI/SBS format plates
- Barcode Labelling:

Integrated printing & placement

Verification system

LIMS system connectivity

