

New Products

PTFE Plate-Sealing Tape with Pattern Adhesive



Sarstedt introduces a premium PTFE 96-well plate sealing tape with pattern adhesive suitable for many applications including PCR, qPCR, auto-sampling, and storage. PTFE offers superior chemical compatibility and is optically clear with virtually no autofluorescence. Adhesive is applied in a patented pattern that provides adhesive-free target areas that won't clog auto-samplers. The adhesive is tinted red to aid in proper alignment on well rims for secure sealing. The PTFE tape is easily punctured with as little as 0.5 lb force with no coring or tearing. Sarstedt's PTFE tapes with pattern adhesive have a wide temperature usage range of -80°C – 120°C and are RNase- and DNase-free. Please contact Sarstedt for more information and a free sample. **Sarstedt, Inc., www.sarstedt.com**

Motorized Stage Systems



ASI's precision stages are designed to provide a high-resolution and highly repeatable means of controlling the X, Y, and Z position. The stages utilize crossed-roller bearing, high-precision lead screws, and zero-backlash closed-loop DC servomotors with built in rotary encoders that provide resolutions of 100 nm and repeatability < 700 nm rms. Also available are XY stages with integrated piezo Z top plates offering 150 to 500 microns travel with nanometer resolution and repeatability,

plus specialty stages for stand-alone, OEM, and custom systems. **Applied Scientific Instrumentation, Inc., www.asiimaging.com**

Sample Preparation System

The MonoLyser from RotaPrep is designed for the grinding, homogenization, and lysis of the most difficult-to-lyse samples. The system allows researchers to perform quantitative lysis for the best quality DNA, RNA, and protein extractions out of a variety of samples such as gram positive microbes, spores, seeds, plants, animal and human tissues, bones, teeth, feces, forensics, soils and sediments, and others. Typical lysis time for processing sample to quantitative lysate is 5 seconds or less. This hand-held system, processes samples in a standard 2-mL screw-capped disposable tube and is equally suitable for use in the laboratory or in a field setting. **RotaPrep, Inc., www.rotaprep.com**



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