



Delivering Discoveries



Precise Solutions® for liquid handling, including sample testing, transfer, storage, and tracking.

- Deep well plates
- Multiple well plates
- Racked and barcoded tubes
- Scanners
- Tube sorters
- Sealing film and foil
- Screw cap tubes for kits
- OEM solutions and packaging



INTERNATIONAL
CONFERENCE & EXHIBITION

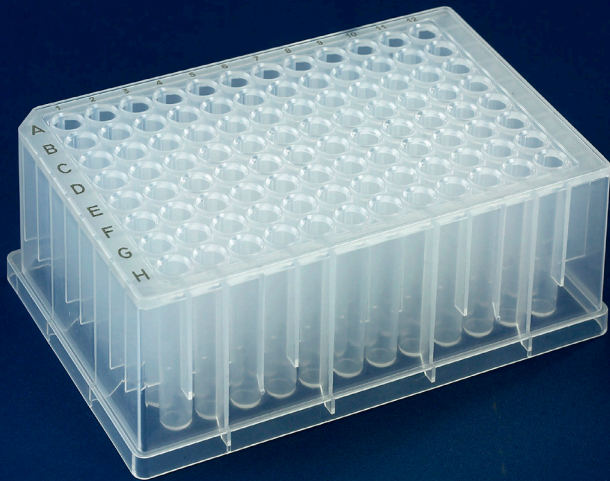
Visit USA Scientific at Booth 420

PlateOne®

Highly Functionality and Solvent-Resistance

PlateOne® polypropylene plates are ideal for sample preparation, storage, screening, analysis, and culturing bacteria or yeast. Excellent centrifugation strength provides better performance and recovery, and laser-marked alphanumeric won't rub off.

Produced without biocides, processing additives, or other potentially bioactive ingredients. Deep well plates meet standards ANSI/SLAS 1-2004, 3-2004, and 4-2004. Multiple well plates meet standards ANSI/SLAS 1-2004 through 4-2004. Certified free of detectable RNase, DNase, DNA, and pyrogens



All plates have easy-to-read, laser-marked alphanumeric with an A1 orienting corner. Deep well plates have raised rims for better sealing and less chance of cross-contamination between wells.

Each plate has a bottom-shape indicator letter. Multiple well plates have chimney wells to eliminate cross-contamination.



2 ml and 384-well plates have square wells with rounded corners that enhance sample recovery and minimize cross-contamination by reducing capillary wicking.

Plates are skirted and stack without damage to films or foils. Non-nesting wells prevent the bottom of one plate from contacting the wells of the plate below.

6000 × g

Strong construction allows centrifugation for extended periods or at cool temperatures.



PlateOne® Deep Well Plates

Rounded conical well bottoms minimize dead volumes and are clear for easy sample viewing.

All plates measure 127.8 mm L x 85.5 mm W. Bulk plates are sealed in zip-top bags. Plates in sleeves have tamper-evident zip-top sealing strips. Sterile plates are individually wrapped.

All volumes accept a variety of sealing films and foils. 1 ml and 0.5 ml plates can be sealed with Micronic brand Capclusters or Capmats or Greiner Bio-One EVA cap mats.



PlateOne® Deep Well Plates

Volume (Nominal)	2 ml	1 ml	0.5 ml	200 µl
Bulk (20/box)	1896-2000	1896-1000	1896-5000	1884-2000
4 sleeves of 5 (20/box)	1896-2800	1896-1800	1896-5800	1884-2400
Individually Wrapped, Sterile (20/box)	1896-2110	1896-1110	1896-5110	1884-2410
Number of Wells	96	96	96	384
Well Shape	Rounded Square	Round	Round	Rounded Square
Working Volume	100-2000 µl	50-1000 µl	30-500 µl	20-200 µl
Total Volume	2400 µl	1200 µl	700 µl	240 µl
Height	44.1 mm	44.1 mm	27.1 mm	25.1 mm
Temperature Range	-86°C to 125°C			
Centrifugation, Ambient	6,000 ¹ x g, 60 minutes			
Centrifugation, 4°C	6,000 ¹ x g, 20 minutes			

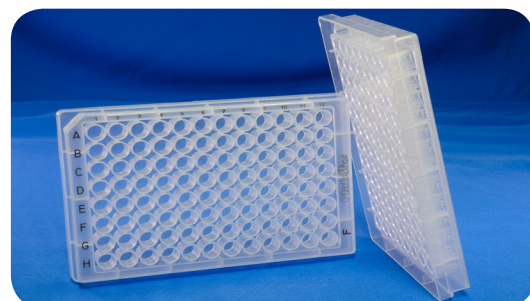
¹Sterile polypropylene plates have a maximum rate of 5,000 x g.

PlateOne® Multiple Well Plates

96-well plates have chimney wells to help prevent cross-contamination. 384-well plates have raised well rims for better sealing and square wells with rounded corners that reduce wicking.

All plates measure 127.8 mm L x 85.5 mm W x 14.35 mm H. Sealed in tamper-evident, zip-top bags.

All volumes accept a variety of sealing films and foils. 96-well plates can be sealed with Micronic brand Capclusters or Capmats or Greiner Bio-One EVA cap mats.



PlateOne® Multiple Well Plates

Well Number, Bottom Shape	96, Flat	96, Round	96, Conical	384, Flat	384, Conical
4 Sleeves of 20 (80/box)	1837-9600	1830-9600	1833-9600	1843-8400	1823-8400
4 Sleeves of 20, Sterile (80/box)	1837-9610	1830-9610	1833-9610	1843-8410	1823-8410
Well Shape	Round	Round	Round	Rounded Square	Rounded Square
Working Volume	50-370 µl	25-320 µl	25-320 µl	15-140 µl	10-125 µl
Total Volume	400 µl	360 µl	350 µl	150 µl	140 µl
Temperature Range	-86°C to 125°C				
Centrifugation, Ambient	6,000 ¹ x g, 60 minutes				
Centrifugation, 4°C	6,000 ¹ x g, 20 minutes				

¹Sterile polypropylene plates have a maximum rate of 5,000 x g.

More Automation Solutions from



BioMicroLab



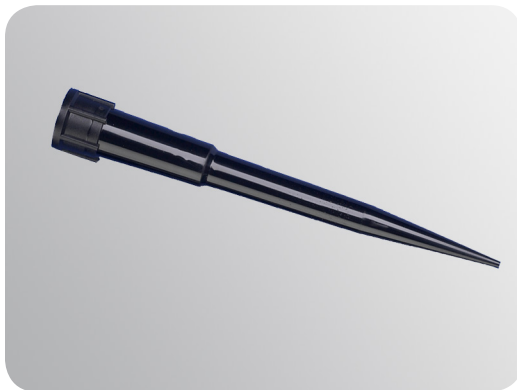
Tube handling and labeling, barcode readers, and volume detection systems.

X-Pierce Film



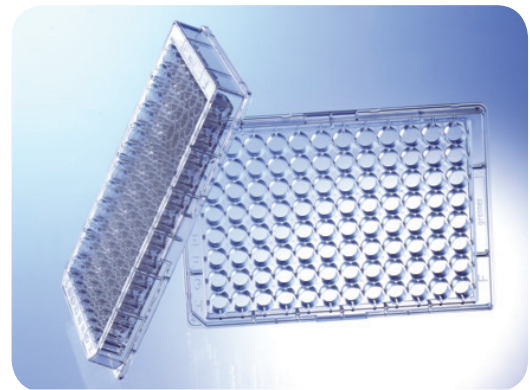
Scored for easy piercing. Repositions to protect well contents when probe is removed.

TipOne Automation



Conductive or natural tips fit Tecan Genesis and Freedom EVO. Available with and without filters.

greiner bio-one



High throughput plates in a variety of materials and formats.

MICRONIC INNOVATION IN SAMPLE STORAGE



Sample storage tubes and barcode solutions.

MICRONIC INNOVATION IN SAMPLE STORAGE



Capping and decapping solutions.

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