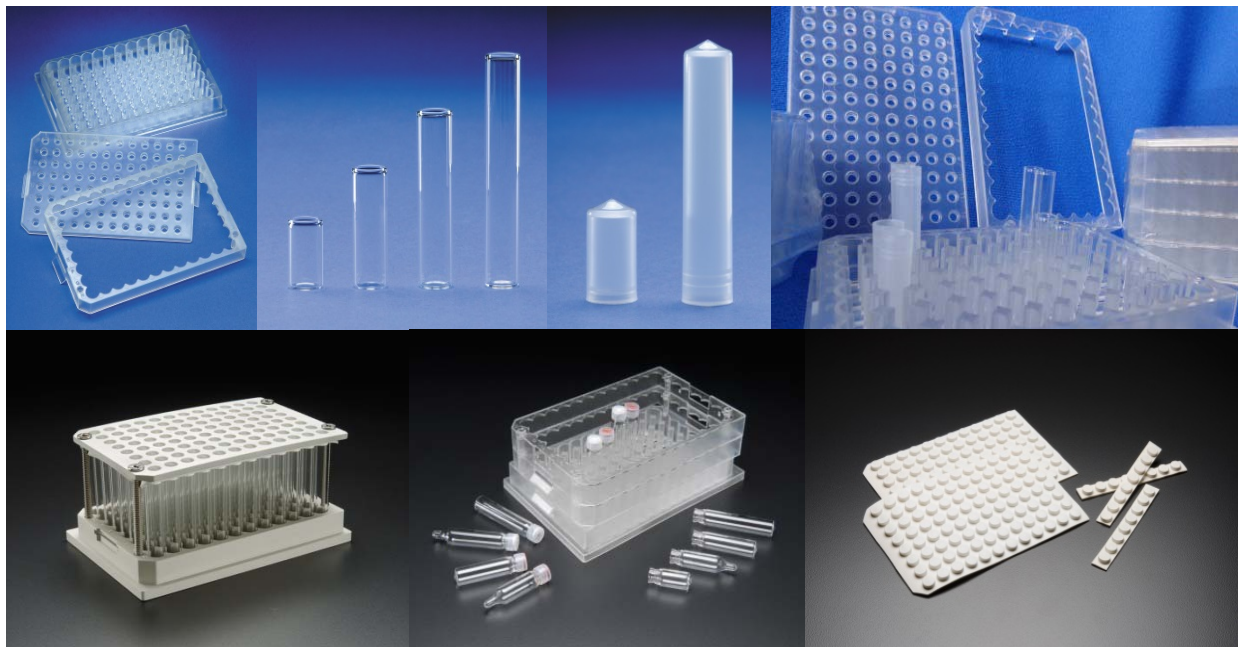


96-Well Multi-Tier™ Micro Plate System

Brochure 2019

The innovative and patented 96-Well Multi-Tier™ Micro Plate System from J.G. Finneran™ provides you a new dimension of flexibility in the common 96-Well format.

Due to its modular design, the Multi-Tier™ system helps you to quickly set up the perfect 96-well plate for your application. The vented base plate provides a secure fit for a variety of 9 mm OD vials manufactured from glass or polypropylene, while assuring uniform heating and cooling when immersed in a water bath. The reusable base plate is capable of securing 0.5 to 2.5 ml vials and thus replaces a variety of common 96-well and deep well plates in your lab. Additional spacers provide adjustable height to support differently sized vials. The cover with an alphanumeric grid locks the liner in place and prevents vials from being pulled out. Molded PTFE/silicone liners lock into the 96 vials and seal them, thus preventing evaporation and cross contamination.



- Standard 96-well footprint allows use with most instruments
- Alphanumeric grid on base plate and cover
- Height adjustment through special spacers provides volume choices of 0.5 to 2.5 ml vials
- Fits for a variety of 9 mm glass or polypropylene vials
- Vented base plate for uniform heating and cooling
- Fully autoclavable (only Topas and Aluminium)
- Optional PTFE/Silicone/PTFE liner provides sample integrity
- Plate cover locks the liner in place, prevents vials from being pulled out, and provides a secondary sealing system
- Compatible with all known autosamplers and robotic systems
- Secure fit of the vials in the base plate permit use with shaker and vortex during sample preparation

96-Well Multi-Tier™ Complete System, Topas (Starter Kit)

- Topas (Cyclo-Olefin-Copolymer) has excellent clarity and heat/chemical resistance*
- Can be autoclaved and sterilized (heat resistance to 150 °C)
- UV transperance down to 300 nm



Complete Multi-Tier™ system includes:

- Vented 96-well base plate, with open bottom
- Choice of 5 vial sizes: 0.5 ml, 1.0 ml, 1.5 ml, 2.0 ml or 2.5 ml with conical, flat or round bottom, glass or polypropylene
- Spacers for 1.0 ml, 1.5 ml, 2.0 ml and 2.5 ml systems
- Lid and PTFE/Silicone/PTFE liner

| Cat. No. | Vial volume | Vial bottom | Vial material | Unit/System |
|--------------|-------------|-------------|---------------|-------------|
| 9905LC-812T | 0.5 ml | conical | glass | 1 |
| 9910LC-812T | 1.0 ml | conical | glass | 1 |
| 9915LC-812T | 1.5 ml | conical | glass | 1 |
| 9920LC-812T | 2.0 ml | conical | glass | 1 |
| 9905PLC-812T | 0.5 ml | conical | polypropylene | 1 |
| 9910PLC-812T | 1.0 ml | conical | polypropylene | 1 |
| 9915PLC-812T | 1.5 ml | conical | polypropylene | 1 |
| 9920PLC-812T | 2.0 ml | conical | polypropylene | 1 |
| 9905LC-812FT | 0.5 ml | flat | glass | 1 |
| 9910LC-812FT | 1.0 ml | flat | glass | 1 |
| 9915LC-812FT | 1.5 ml | flat | glass | 1 |
| 9920LC-812FT | 2.0 ml | flat | glass | 1 |
| 9925LC-812FT | 2.5 ml | flat | glass | 1 |
| 9915LC-812RT | 1.5 ml | round | glass | 1 |
| 9920LC-812RT | 2.0 ml | round | glass | 1 |

* System in ABS (Acrylic Butyl Styrene), with molded and pre-slit molded liners available on request

Aluminum 96-Well Micro Plate System

The patented aluminum 96-Well Micro plate system is ideal for use with volatile solvents or for situations requiring uniform heating and cooling of samples.

- Base plate design assures uniform heating and cooling of samples
- Anodized aluminum metal plate allows years of use
- Ideal for freeze drying samples
- Standard 96-well format with a stamped ID grid
- Choice of vials: 0.5 ml, 1.0 ml, 1.5 ml, 2.0 ml or 2.5 ml with conical or flat bottom, glass or polypropylene
- Different molded liners and sealing films available



| Cat. No. | Description | Unit/pcs. |
|-------------|---|-----------|
| 9996-812AST | Solid aluminum 96-well base plate, 4 tapped corner holes | 1 |
| 9996-812AT | Vented aluminum 96-well base plate, 4 tapped corner holes | 1 |
| 9900AC-812 | Aluminum cover for base plate | 1 |
| SCREW-500mL | Stainless steel screws for use of 0.5 ml vials | 4 |
| SCREW-1.0mL | Stainless steel screws for use of 1.0 ml vials | 4 |
| SCREW-1.5mL | Stainless steel screws for use of 1.5 ml vials | 4 |
| SCREW-2.0mL | Stainless steel screws for use of 2.0 ml vials | 4 |
| SCREW-2.5mL | Stainless steel screws for use of 2.5 ml vials | 4 |

Replacement Accessories for 96-Well Multi-Tier™ System

Assemble your own Multi-Tier™ Micro Plate System:

| | |
|---------------|--------------------------------------|
| 0.5 ml system | 96-well base plate only |
| 1.0 ml system | 96-well base plate and one spacer |
| 1.5 ml system | 96-well base plate and two spacers |
| 2.0 ml system | 96-well base plate and three spacers |
| 2.5 ml system | 96-well base plate and four spacers |



| Cat. No. | Description | Unit/pcs. |
|-------------|--|-----------|
| 9900C-812T | Cover for plate system, Topas | 5 |
| 9900-812T | Spacer for plate system, Topas | 1 |
| 9996-812T | 96-well base plate, Topas | 1 |
| 9900VFC-812 | Solid clear cover for plate system, PETG | 5 |

Replacement Vials for 96-Well Multi-Tier™ System

- Vials with conical, flat or round bottom
- Manufactured from glass or polypropylene

| Cat. No. | Vol. / Size | Vial bottom | Vial material | Unit/pcs. |
|-------------|--------------------|-------------|---------------|-----------|
| 4050-917 | 0.5 ml / 9 x 17 mm | conical | glass | 100 |
| 4050-917A | 0.5 ml / 9 x 17 mm | conical | amber glass | 100 |
| 4100-930 | 1.0 ml / 9 x 30 mm | conical | glass | 100 |
| 4100-930A | 1.0 ml / 9 x 30 mm | conical | amber glass | 100 |
| 4150-944 | 1.5 ml / 9 x 44 mm | conical | glass | 100 |
| 4150-944A | 1.5 ml / 9 x 44 mm | conical | amber glass | 100 |
| 4200-950 | 2.0 ml / 9 x 50 mm | conical | glass | 100 |
| 4200-950A | 2.0 ml / 9 x 50 mm | conical | amber glass | 100 |
| 4050FB-917 | 0.5 ml / 9 x 17 mm | flat | glass | 100 |
| 4050FB-917A | 0.5 ml / 9 x 17 mm | flat | amber glass | 100 |
| 4100FB-930 | 1.0 ml / 9 x 30 mm | flat | glass | 100 |
| 4100FB-930A | 1.0 ml / 9 x 30 mm | flat | amber glass | 100 |
| 4150FB-944 | 1.5 ml / 9 x 44 mm | flat | glass | 100 |
| 4150FB-944A | 1.5 ml / 9 x 44 mm | flat | amber glass | 100 |
| 4200FB-950 | 2.0 ml / 9 x 50 mm | flat | glass | 100 |
| 4200FB-950A | 2.0 ml / 9 x 50 mm | flat | amber glass | 100 |
| 4250FB-975 | 2.5 ml / 9 x 75 mm | flat | glass | 100 |
| 4150RB-944 | 1.5 ml / 9 x 44 mm | round | glass | 100 |
| 4200RB-950 | 2.0 ml / 9 x 50 mm | round | glass | 100 |
| 4050P-917 | 0.5 ml / 9 x 17 mm | conical | polypropylene | 100 |
| 4100P-930 | 1.0 ml / 9 x 30 mm | conical | polypropylene | 100 |
| 4150P-944 | 1.5 ml / 9 x 44 mm | conical | polypropylene | 100 |
| 4200P-950 | 2.0 ml / 9 x 50 mm | conical | polypropylene | 100 |
| 4200FP-950 | 2.0 ml / 9 x 50 mm | flat | polypropylene | 1.000 |



Glass, conical



Glass, flat



PP, conical

Replacement Vials for 96-Well Multi-Tier™ System in “Vial Loader” Rack

- For fast and convenient loading of vials into your Multi-Tier™ system
- Place your baseplate on top of the vial loader
- Invert and your system is ready to use



| Cat. No. | Vol. / Size | Vial bottom | Vial material | Unit/pcs. |
|---------------|--------------------|-------------|---------------|-----------|
| 4050-917VL | 0.5 ml / 9 x 17 mm | conical | glass | 96 |
| 4050-917AVL | 0.5 ml / 9 x 17 mm | conical | amber glass | 96 |
| 4100-930VL | 1.0 ml / 9 x 30 mm | conical | glass | 96 |
| 4100-930AVL | 1.0 ml / 9 x 30 mm | conical | amber glass | 96 |
| 4150-944VL | 1.5 ml / 9 x 44 mm | conical | glass | 96 |
| 4150-944AVL | 1.5 ml / 9 x 44 mm | conical | amber glass | 96 |
| 4200-950VL | 2.0 ml / 9 x 50 mm | conical | glass | 96 |
| 4200-950AVL | 2.0 ml / 9 x 50 mm | conical | amber glass | 96 |
| 4050FB-917VL | 0.5 ml / 9 x 17 mm | flat | glass | 96 |
| 4050FB-917AVL | 0.5 ml / 9 x 17 mm | flat | amber glass | 96 |
| 4100FB-930VL | 1.0 ml / 9 x 30 mm | flat | glass | 96 |
| 4100FB-930AVL | 1.0 ml / 9 x 30 mm | flat | amber glass | 96 |
| 4150FB-944VL | 1.5 ml / 9 x 44 mm | flat | glass | 96 |
| 4150FB-944AVL | 1.5 ml / 9 x 44 mm | flat | amber glass | 96 |
| 4200FB-950VL | 2.0 ml / 9 x 50 mm | flat | glass | 96 |
| 4200FB-950AVL | 2.0 ml / 9 x 50 mm | flat | amber glass | 96 |
| 4150RB-944VL | 1.5 ml / 9 x 44 mm | round | glass | 96 |
| 4200RB-950VL | 2.0 ml / 9 x 50 mm | round | glass | 96 |
| 4050P-917VL | 0.5 ml / 9 x 17 mm | conical | polypropylene | 96 |
| 4100P-930VL | 1.0 ml / 9 x 30 mm | conical | polypropylene | 96 |
| 4150P-944VL | 1.5 ml / 9 x 44 mm | conical | polypropylene | 96 |
| 4200P-950VL | 2.0 ml / 9 x 50 mm | conical | polypropylene | 96 |
| 4200FP-950VL | 2.0 ml / 9 x 50mm | flat | polypropylene | 96 |

Sealing Systems for 96-Well Multi-Tier™ Micro Plate System

- Prevent cross contamination and preserve sample integrity
- Prevent evaporative losses and contamination from ambient air
- The PTFE medical grade silicone mats meet U.S.P. Class VI requirements



| Cat. No. | Description | Unit/pcs. |
|--------------|--|-----------|
| 996070RW-812 | Prescored recessed well PTFE/Silicone/PTFE mat, flat | 5 |
| 996015-812 | Molded Silicone mat, 96 plugs | 5 |
| 996035-812 | Prescored molded Silicone mat, 96 plugs | 5 |
| 996050-812 | Molded PTFE/Silicone mat, 96 plugs | 5 |
| 996075-812 | Prescored molded PTFE/Silicone mat, 96 plugs | 5 |
| 96050-8PLUG | Molded PTFE/Silicone plug, for single vessel | 100 |
| 96075-8PLUG | Prescored molded PTFE/Silicone plug, for single vessel | 100 |
| 96050-8STRIP | Molded PTFE/Silicone strip, 8 plugs | 12 |
| 96075-8STRIP | Prescored molded PTFE/Silicone strip, 8 plugs | 12 |
| 9605-12STRIP | Molded PTFE/Silicone strip, 12 plugs | 8 |
| 9607-12STRIP | Prescored molded PTFE/Silicone strip, 12 plugs | 8 |
| 96PCM-W | Cap Mat for 9 mm vials, Thermoplastic Elastomer (TPE), for storage down to -80 °C, certified free of DNA, RNA, DNase, RNase, endotoxins/pyrogenics, multiple colours available | 10 |

Snap Seal™ Vials and Snap Top Caps™ for 96-Well Multi-Tier™ Micro Plate System

- Developed for ultimate flexibility
- Choice of glass conical and tapered vials
- 4 sizes: 0.5 ml, 0.75 ml, 1.0 ml, and 2.0 ml
- Conical and tapered design allows sample access down to 10 µl
- Compatible with most autosamplers and robotic systems



Glass Snap Seal™ Vials with 8 mm Crimp finish

| Cat. No. | Vial volume | Vial bottom | Unit/pcs. |
|--------------|-------------------------|-------------|-----------|
| 30508-922 | 0.50 ml | conical | 100 |
| 30508FB-922 | 0.50 ml | flat | 100 |
| 307508-936 | 0.75 ml | conical | 100 |
| 307508T-936 | 0.75 ml | tapered | 100 |
| 31008-946 | 1.00 ml | conical | 100 |
| 31008FB-946 | 1.00 ml | flat | 1.000 |
| 31008T-946 | 1.00 ml | tapered | 100 |
| 32008FB-950 | 2.00 ml | flat | 1.000 |
| 3208FB-950VL | 2.00 ml, in vial loader | flat | 96 |



Precision Fit Snap Top Caps™ (8 mm)

| Cat. No. | Material of cap liner | Unit/pcs. |
|----------|--------------------------|-----------|
| 5810-08 | 0.25 mm (10 mil) PTFE | 100 |
| 5840-08 | PTFE/Butyl Rubber | 100 |
| 5850-08 | PTFE/Silicone | 100 |
| 5860-08 | PTFE/Silicone/PTFE | 100 |
| 5870-08 | PTFE/Silicone, with slit | 100 |



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