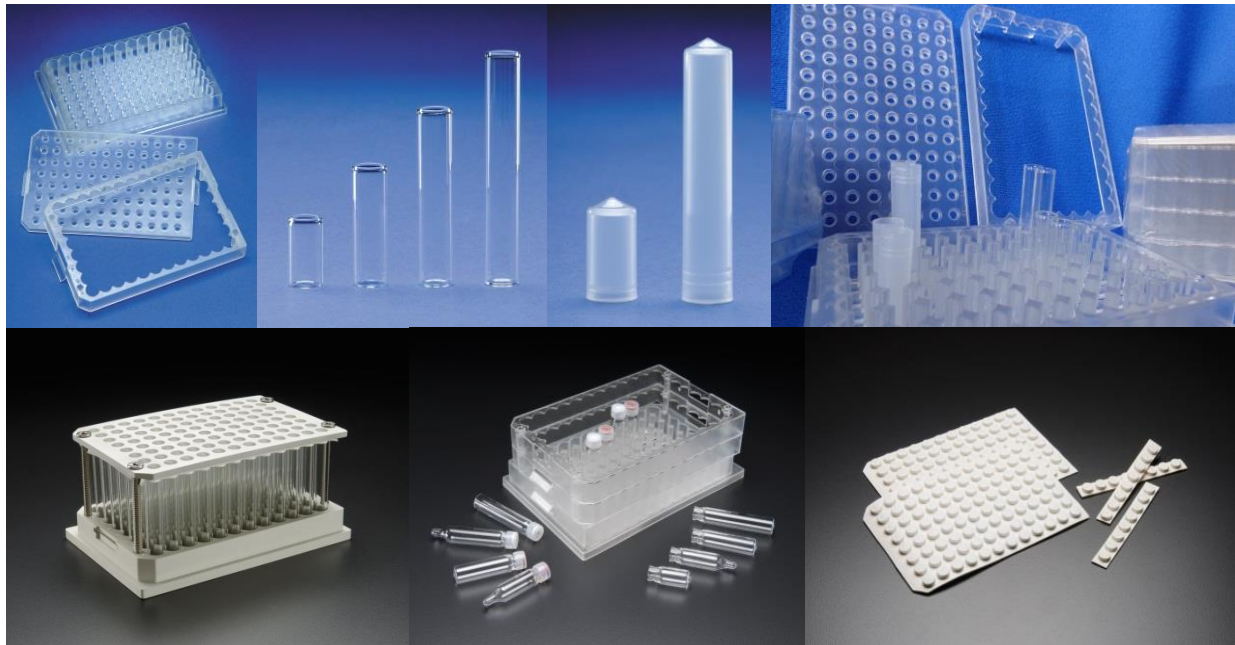


## 96-Well Multi-Tier™ Micro Plate System

### Product Information 2018

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 different sized vials. The cover with an alphanumeric grid locks the liner in place and prevents vial pullout. 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 capacity 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 vial pullout, 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 300nm



### 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

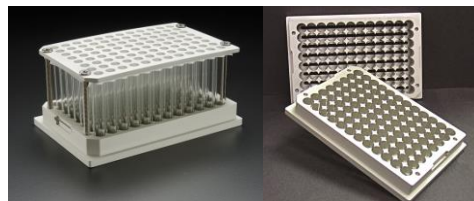
Cat. No.	Vial volume	Vial bottom	Vial material	Unit/System
9905LC-812T	0,5 ml	conical	glass	1
9910LC-812T	1,0 ml	conical	glass	1
9915LC-812T	1,5 ml	conical	glass	1
9920LC-812T	2,0 ml	conical	glass	1
9905PLC-812T	0,5 ml	conical	polypropylene	1
9910PLC-812T	1,0 ml	conical	polypropylene	1
9915PLC-812T	1,5 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



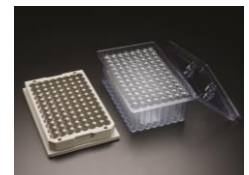
Glass, flat



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
405FB-917AVL	0,5 ml / 9 x 17 mm	flat	amber glass	96
4100FB-930VL	1,0 ml / 9 x 30 mm	flat	glass	96
410FB-930AVL	1,0 ml / 9 x 30 mm	flat	amber glass	96
4150FB-944VL	1,5 ml / 9 x 44 mm	flat	glass	96
415FB-944AVL	1,5 ml / 9 x 44 mm	flat	amber glass	96
4200FB-950VL	2,0 ml / 9 x 50 mm	flat	glass	96
420FB-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	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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