

U2D™
RACKED INSERTS / 96-WELL PLATES

NEW SAMPLE MANAGEMENT SYSTEM

For Low Volume Samples



EXCLUSIVELY BY:

MICROSOLV TECHNOLOGY CORPORATION

www.U2Dplates.com

Improved Sample Management



Visualize

- Missed fills
- Emulsion or precipitation
- Color changes
- Debris/bubbles



Gain Thermal Control

- Even heating and cooling in all wells
- Faster evaporation
- Reproducibility = Improved %RSD



Ultimate Compatibility

- Fits existing autosamplers, meets ANSI specs
- Fits water bath/storage
- Compatible with robotics and liquid handling
- Compatible with heating and mixing equipment



Orthogonality

- Drop insert into vials
- 2D, LC <-> GC
- Archive/storage
- Further analysis
- Flexibility



RSA™ and RSA-Pro™

- Reduced Surface Activity Inserts
- Meets or exceeds all instrument specs
- Use for LCMS, LCMS/MS, low abundance and basic analytes



Sustainability

- Rack has less weight
- Less waste, Base is reusable
- Less solvent due to fewer repeats



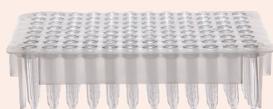
350ul

Inserts, Racks, & Mats

95296-10R-EA
HPLC Solvent Resistant Mat



95296-350-PK or 95296-350-CS
Rack with Glass Inserts



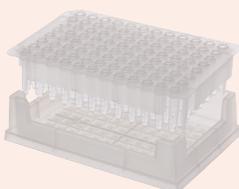
95296-SB-PK or 95296-SB-CS
Base Only



95296-350-1R
Rack with Glass Inserts, Base,
and HPLC Solvent Resistant Mat
Easy Purchase Pack



95296-U2D
Rack with Glass Inserts and Base
(Mat not included)



500ul

Inserts, Racks, & Mats

95296-LG-10R-EA
HPLC Solvent Resistant Mat



95296-500-PK or 95296-500-CS
Rack with Glass Inserts



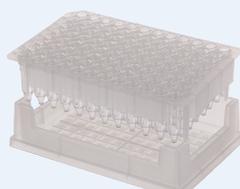
95296-SB-PK or 95296-SB-CS
Base Only



95296-500-1R
Rack with Glass Inserts, Base,
and HPLC Solvent Resistant Mat
Easy Purchase Pack



95296-U2D-500
Rack with Glass Inserts and Base
(Mat not included)



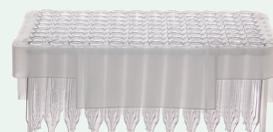
1mL

Inserts, Racks, & Mats

95296-LG-10R-EA
HPLC Solvent Resistant Mat



95296 1mL-PK or 95296-1mL-CS
Rack with Glass Inserts



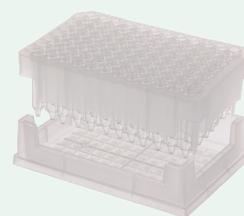
95296-SB-PK or 95296-SB-CS
Base Only



95296-1mL-1R
Rack with Glass Inserts, Base,
and HPLC Solvent Resistant Mat
Easy Purchase Pack



95296-U2D-1mL
Rack with Glass Inserts and Base
(Mat not included)



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www.mtc-usa.com

U-2D™ Sample Management

PRE-RACKED INSERTS AND PLATE

ORDERING INFORMATION

U2D™ EASY PURCHASE PACKS. PRE-LOADED INSERTS IN RACK WITH BASE AND MAT

CAT NO.	INSERT GLASS TYPE	INSERT SIZE	RUBBER MAT MATERIAL	MAT TYPE
95296-350-1DP	RSA-Pro	350ul	Silicone	Non-slit
95296-350-1DR	RSA-Pro	350ul	HPLC Solvent Resistant	Non-slit
95296-350-1P	RSA	350ul	Silicone	Non-slit
95296-350-1R	RSA	350ul	HPLC Solvent Resistant	Non-slit
95296-350-3DP	RSA-Pro	350ul	Silicone	Pre-slit
95296-350-3DR	RSA-Pro	350ul	HPLC Solvent Resistant	Pre-slit
95296-350-3P	RSA	350ul	Silicone	Pre-slit
95296-350-3R	RSA	350ul	HPLC Solvent Resistant	Pre-slit
95296-U2D*	RSA	350ul	Not Included	Not Included
95296-500-1P-MR	RSA-Pro	500ul	Silicone	Non-slit
95296-500-1R-MR	RSA-Pro	500ul	HPLC Solvent Resistant	Non-slit
95296-500-1P	RSA	500ul	Silicone	Non-slit
95296-500-1R	RSA	500ul	HPLC Solvent Resistant	Non-slit
95296-500-3P-MR	RSA-Pro	500ul	Silicone	Pre-slit
95296-500-3R-MR	RSA-Pro	500ul	HPLC Solvent Resistant	Pre-slit
95296-500-3P	RSA	500ul	Silicone	Pre-slit
95296-500-3R	RSA	500ul	HPLC Solvent Resistant	Pre-slit
95296-U2D-500MR*	RSA-Pro	500ul	Not Included	Not Included
95296-U2D-500*	RSA	500ul	Not Included	Not Included
95296-1ML-1P-MR	RSA-Pro	1mL	Silicone	Non-slit
95296-1ML-1R-MR	RSA-Pro	1mL	HPLC Solvent Resistant	Non-slit
95296-1ML-1P	RSA	1mL	Silicone	Non-slit
95296-1ML-1R	RSA	1mL	HPLC Solvent Resistant	Non-slit
95296-1ML-3P-MR	RSA-Pro	1mL	Silicone	Pre-slit
95296-1ML-3R-MR	RSA-Pro	1mL	HPLC Solvent Resistant	Pre-slit
95296-1ML-3P	RSA	1mL	Silicone	Pre-slit
95296-1ML-3R	RSA	1mL	HPLC Solvent Resistant	Pre-slit
95296-U2D-1MLMR*	RSA-Pro	1mL	Not Included	Not Included
95296-U2D-1ML*	RSA	1mL	Not Included	Not Included

U-2D™ BASES ONLY. FITS ALL RACKS

CAT NO.	PACK/CASE QUANTITY
95296-SB-PK	6
95296-SB-CS	12

*Base and Rack only. Does not include mat.

U-2D™ PACKS AND CASES. PRE-LOADED INSERTS IN RACK (Base and Mat Sold Separately)

CAT NO.	INSERT/GLASS TYPE	INSERT SIZE	PACK/CASE QUANTITY
95296-350-PK	RSA	350ul	6
95296-350-CS	RSA	350ul	18
95296-350-D-PK	RSA-Pro	350ul	6
95296-350-D-CS	RSA-Pro	350ul	18
95296-500-PK	RSA	500ul	6
95296-500-CS	RSA	500ul	18
95296-500-MR-PK	RSA-Pro	500ul	6
95296-500-MR-CS	RSA-Pro	500ul	18
95296-1ML-PK	RSA	1mL	6
95296-1ML-CS	RSA	1mL	12
95296-1ML-MR-PK	RSA-Pro	1mL	6
95296-1ML-MR-CS	RSA-Pro	1mL	12

U-2D™ SEALING MATS ONLY

CAT NO.	RUBBER MAT MATERIAL	STYLE	PACK/CASE QUANTITY	USE WITH RACK/INSERTS
95296-10P-EA	Silicone	Non-slit	1	350ul
95296-10P-CS	Silicone	Non-slit	5	350ul
95296-10R-EA	HPLC Solvent Resistant	Non-slit	1	350ul
95296-10R-CS	HPLC Solvent Resistant	Non-slit	5	350ul
95296-30P-EA	Silicone	Pre-slit	1	350ul
95296-30P-CS	Silicone	Pre-slit	5	350ul
95296-30R-EA	HPLC Solvent Resistant	Pre-slit	1	350ul
95296-30R-CS	HPLC Solvent Resistant	Pre-slit	5	350ul
95296-LG-10P-EA	Silicone	Non-slit	1	500ul or 1mL
95296-LG-10P-CS	Silicone	Non-slit	5	500ul or 1mL
95296-LG-10R-EA	HPLC Solvent Resistant	Non-slit	1	500ul or 1mL
95296-LG-10R-CS	HPLC Solvent Resistant	Non-slit	5	500ul or 1mL
95296-LG-30P-EA	Silicone	Pre-slit	1	500ul or 1mL
95296-LG-30P-CS	Silicone	Pre-slit	5	500ul or 1mL
95296-LG-30R-EA	HPLC Solvent Resistant	Pre-slit	1	500ul or 1mL
95296-LG-30R-CS	HPLC Solvent Resistant	Pre-slit	5	500ul or 1mL

U-2D™ ACCESSORIES. FINE TIP PERMANENT MARKERS

CAT NO.	COLOR	TIP SIZE	PACK/CASE QUANTITY
95296-MARK-K	Black	0.8mm	1
95296-MARK-K-P	Black	0.8mm	10
95296-MARK-R	Red	0.8mm	1
95296-MARK-R-P	Red	0.8mm	10
95296-MARK-F1	Black	0.25mm	1
95296-MARK-F3	Black	0.35mm	1
95296-MARK-F5	Black	0.45mm	1
95296-MARK-FS	Silver	0.7mm	1
95296-MARK-FW	White	0.7mm	1

Other accessories available, please inquire.

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U2D™

RACKED INSERTS / 96-WELL PLATES

- Inspect samples after they are in the plates
- All samples can be temperature controlled equally in the plate
- Compatible with all autosamplers with 96 well plate injectors
- Remove and place 350ul insert into vial for use on other instruments
- RSA™ glass inserts for surface activity control
- HPLC Solvent Resistant Mats available
- Available in RSA™ or RSA-Pro™ Glass



EXCLUSIVELY BY:

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