

Deep Well Plates



GUIDELINES FOR USE

Storage Samples

- Can be centrifuge up to 3000g.
- Can be stored at -80 °C.

Sample Treatment

- Design for high-throughput liquid handling of biological samples.

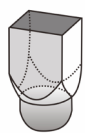
Operation

- Automation friendly

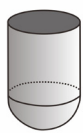


Selection Criteria	Available Options
Sterility level	<ul style="list-style-type: none"> • Non-sterile • Sterile to SAL 10-6 • Clean room certified: Human DNA, Dnase, RNase and PCR inhibitor free
Format	<ul style="list-style-type: none"> • 24-well • 48-well • 96-well
Well shape	<ul style="list-style-type: none"> • Square - Maximizes volume in ANSI/SLAS-1 footprint • Round - Maximizes sample mixing
Well bottom geometry	<ul style="list-style-type: none"> • Round (U) - For best sample resuspension and mixing • Conical/Pyramidal (V) - For best sample recovery, reduced dead volume • Spindle (V) - Virtually eliminates dead volume

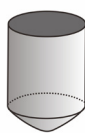
Bottom Shape of Deep Well Plate



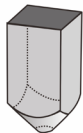
U
Bottom



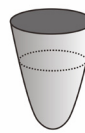
U
Bottom



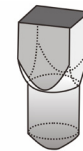
V
Bottom



V
Bottom



V-Tapered
Bottom



Tapered
Bottom



Flat
Bottom

U Bottom: Better mixing of samples

V Bottom: Almost no Invalid volume in the tube during liquid treatment

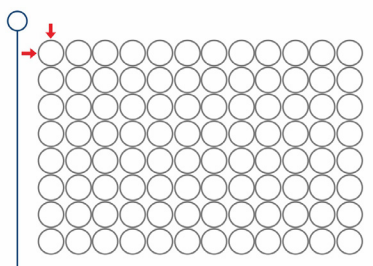
Tapered Bottom / V Bottom: Better the sample recovery and less liquid residue.
Increased heating wrap area to make heating more efficient.



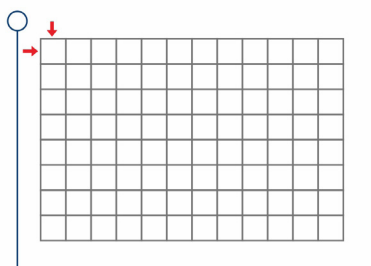
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Round Well



Square Well



Choose from an extensive range of plate formats, well shapes, geometries and sealing options design to support demanding environments such as automated drug discovery, molecular biology and genomics applications.

96 Well Microplates

Part No.	Volume	Well Shape	Bottom	No. of Wells	Size	Pack
DWPR036V	0.36ml	Round Well	V Bottom	96	127.8*85.5*14.8 mm	10/bag, 10bags/case
DWPR04F	0.4ml	Round Well	Flat Bottom	96	127.8*85.5*14.8 mm	10/bag, 10bags/case
DWPR04U	0.4ml	Round Well	U Bottom	96	127.8*85.5*14.8 mm	10/bag, 10bags/case

Round Well Deep Plate

Part No.	Volume	Well Shape	Bottom	No. of Wells	Size	Pack
DWPR045V	0.45ml	Round Well	V Bottom	96	127.15*85.2*14.5 mm	10/bag, 10bags/case
DWPR05U	0.5ml	Round Well	U Bottom	96	127.15*85.2*14.5 mm	10/bag, 10bags/case
DWPR10U	1.0ml	Round Well	U Bottom	96	127.8*85.5*33 mm	5/bag, 10bags/case
DWPR10V	1.0ml	Round Well	V Bottom	96	127.8*85.5*33 mm	5/bag, 10bags/case
DWPR11U	1.1ml	Round Well	U Bottom	96	127.5*85.35*27 mm	5/bag, 10bags/case
DWPR11V	1.1ml	Round Well	V Bottom	96	127.5*85.35*27 mm	5/bag, 10bags/case
DWPR20U	2.0ml	Round Well	U Bottom	96	127.5*85.35*44.3 mm	5/bag, 10bags/case
DWPR20V	2.0ml	Round Well	V Bottom	96	127.5*85.35*44.3 mm	5/bag, 10bags/case
DWPR35UI-48	3.5ml	Round Well	U Bottom (Irregular Arrangement)	48	127.8*85.5*43.6 mm	5/bag, 10bags/case
DWPR35U-48	3.5ml	Round Well	U Bottom	48	127.5*85.2*51.1 mm	5/bag, 10bags/case

Square Well Deep Plate

Part No.	Volume	Well Shape	Bottom	No. of Wells	Size	Pack
DWPS05T	0.5ml	Square Well	Tapered Bottom	96	127.5*85.4*15.1 mm	10/bag, 10bags/case
DWPS10U	1.0ml	Square Well	U Bottom	96	127.8*85.5*24.4 mm	10/bag, 10bags/case
DWPS10T	1.0ml	Square Well	Tapered Bottom	96	127.4*85.5*24.4 mm	10/bag, 10bags/case
DWPS16U	1.6ml	Square Well	U Bottom	96	127.5*85.4*31.6 mm	5/bag, 10bags/case
DWPS16V	1.6ml	Square Well	V Bottom	96	127.5*85.4*31.6 mm	5/bag, 10bags/case
DWPS20U	2.2ml	Square Well	U Bottom	96	127.5*85.4*41.6 mm	5/bag, 10bags/case



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Square Well Deep Plate

Part No.	Volume	Well Shape	Bottom	No. of Wells	Size	Pack
DWPS20UP	2.2ml	Square Well	U Bottom (Profile Concave)	96	127*85*42.5 mm	5/bag, 10bags/case
DWPS20V	2.3ml	Square Well	V Bottom	96	127.5*85.4*41.7 mm	5/bag, 10bags/case
DWPS100T-24	10ml	Square Well	Tapered Bottom	24	127.5*85.5*44 mm	5/bag, 10bags/case
DWPS150T-24	15ml	Square Well	Tapered Bottom	24	127.2*85.3*63.2 mm	5/bag, 10bags/case
DWPS46U-48	4.6ml	Square Well	U Bottom	48	127.8*85.5*41.6 mm	5/bag, 10bags/case
DWPS012V-384	120ul	Square Well	V Bottom	384	127.5*85.35*14.6 mm	10/bag, 10bags/case
DWPS024V-384	240ul	Square Well	V Bottom	384	127.5*83.35*24.9 mm	10/bag, 5bags/case

Tip Comb and Pc-Cover

The Tip comb is a single-use plastic sheet and tip comb made of polypropylene that is ideal for magnetic particle processing due to their low binding affinity for biomolecules.

The 8-strip tip combo features independent caps that are connected to ensure consistency. Its high transparency and thin-wall design enhance thermal conductivity, enabling efficient temperature control.



Part No.	Wells	Bottom	Adaptation	Size	Pack
DWPC8U	8	U Bottom	2.2 mL square well plate	11.45*44.7 mm	200 sets/case
DWPC8UC	8	U Bottom with snap cap	2.2 mL square well plate	12*45.5 mm	200 sets/case
DWPC8UCA	8	U Bottom with snap cap	2.2 mL square well plate	11.8*45.8 mm	200 sets/case
DWPC8VC	8	V Bottom with snap cap	2.2 mL square well plate	12*46.1 mm	200 sets/case
DWPC24V	24	V Bottom	10 mL square well plate	126.5*84.9*44.2 mm	50 sets/case
DWPC24VA	24	V Bottom	15 mL square well plate	127.4*85.3*62.2 mm	50 sets/case
DWPC96V	96	V Bottom	2.2 mL square well plate	127.3*85.3*42.3 mm	50 sets/case



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