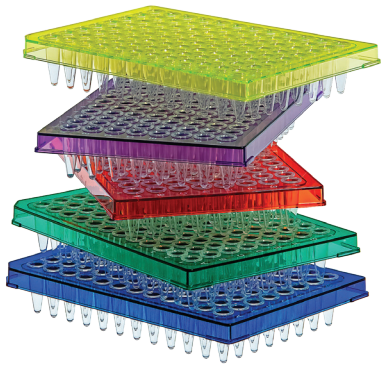
avantor™

VWR® Rigid PCR Plates

Designed for use in robotic liquid handling applications



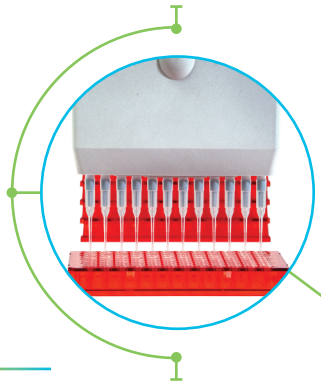
Discover the Next Generation of PCR Plates: Rugged Polycarbonate Frame & Polypropylene Wells



SETS A NEW STANDARD IN PERFORMANCE AND CONVENIENCE.

Engineered for unparalleled durability, VWR® PCR Plates are designed to accommodate all laboratory workflows and are ideal for use on automated liquid handling platforms.

Designed to accommodate multichannel pipetting.



Polycarbonate frame is rigid and flat to facilitate a firm grip by robotic arms and ensure reliable placement.

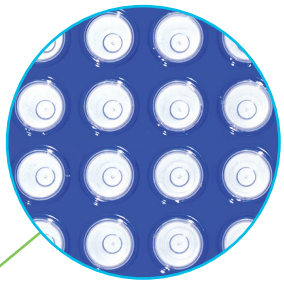
Alphanumeric indexing.



Raised wells ensure optimal sealing to prevent evaporation.

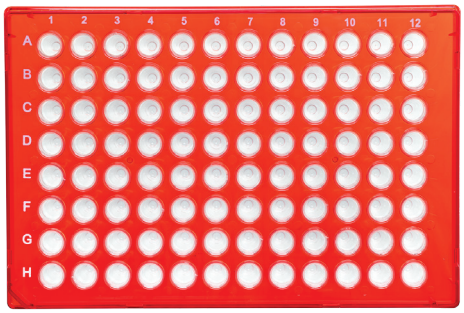


Crystal-clear wells are high-clarity, ultra-pure polypropylene (meets FDA 21 CFR 177.1520 & USP Class VI).

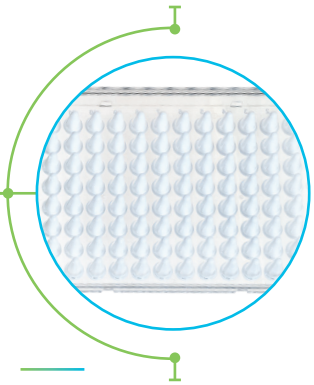


ANSI/SBS footprint and well spacing.

Contrasting two-material design is engineered with a rigid polycarbonate frame.



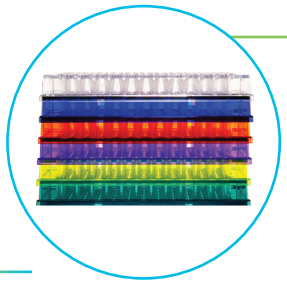
Polypropylene wells provide optimal thermal transfer and higher reaction efficiency.



Optimal visibility with both white or clear wells.

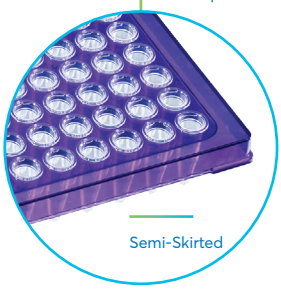
Custom bar-coding available.





Vibrant colors offer a visual distinction between different samples or experiments.

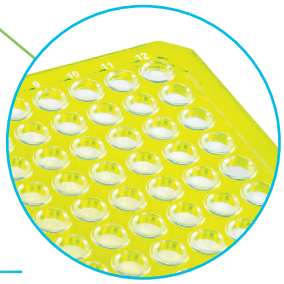
Skirt Options



Semi-Skirted



Full-Skirted



Certified free of detectable DNase, RNase, DNA, PCR inhibitors, and tested pyrogen-free.

VWR® PCR Plates

VWR® RIGID TWO-MATERIAL PCR PLATES

VWR® PCR Plates are available in a wide variety of styles to fit most thermal cyclers on the market. Each is designed to meet or exceed the specifications and performance of plates supplied by the original equipment manufacturer.

- Broad compatibility with popular thermal cyclers
- Ultra-thin, uniform wells: Optimal heat transfer and higher reaction efficiency
- A variety of plate sealing options: Film, foil, silicone mats, and strip caps prevent evaporation











0.1 ml 96-Well Full-Skirt, H12 Notch

Frame Color	Well Color	Cat. No.
Clear	Clear	732-4396
Clear	Clear	732-4404†
Blue	Clear	732-4397
Green	Clear	732-4398
Red	Clear	732-4399
Purple	Clear	732-4400
Yellow	Clear	732-4401
Assorted††	Clear	732-4402
Clear	White	732-4403
Clear	White	732-4405†

0.2 ml 96-Well Semi-Skirt, A12 Notch

Frame Color	Well Color	Cat. No.
Clear	Clear	732-4406
Blue	Clear	732-4407
Green	Clear	732-4408
Red	Clear	732-4409
Purple	Clear	732-4410
Yellow	Clear	732-4411
Assorted††	Clear	732-4412

30 µl 384-Well Full-Skirt, A24 Notch

Frame Color	Well Color	Cat. No.
Clear	Clear	732-4413
Clear	Clear	732-4421†
Blue	Clear	732-4414
Green	Clear	732-4415
Red	Clear	732-4416
Purple	Clear	732-4417
Yellow	Clear	732-4418
Assorted††	Clear	732-4419
Clear	White	732-4420
Clear	White	732-4422†

30 µl 384-Well Full-Skirt, A24, P24 Notch

Frame Color	Well Color	Cat. No.
Clear	Clear	732-4423
Clear	Clear	732-4424†

†Pre-barcoded on P1-P24 front side.
††Assorted Colors: Blue, Green, Red, Purple, Yellow.

White Well PCR Plates



732-4403



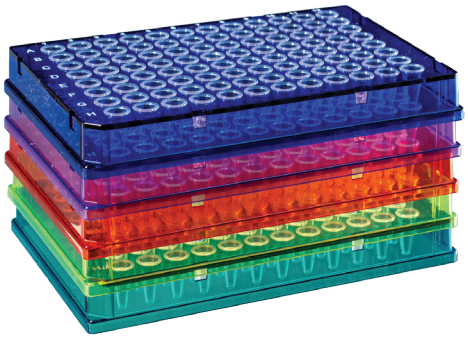


732-4420



96-Well Rigid PCR Plate

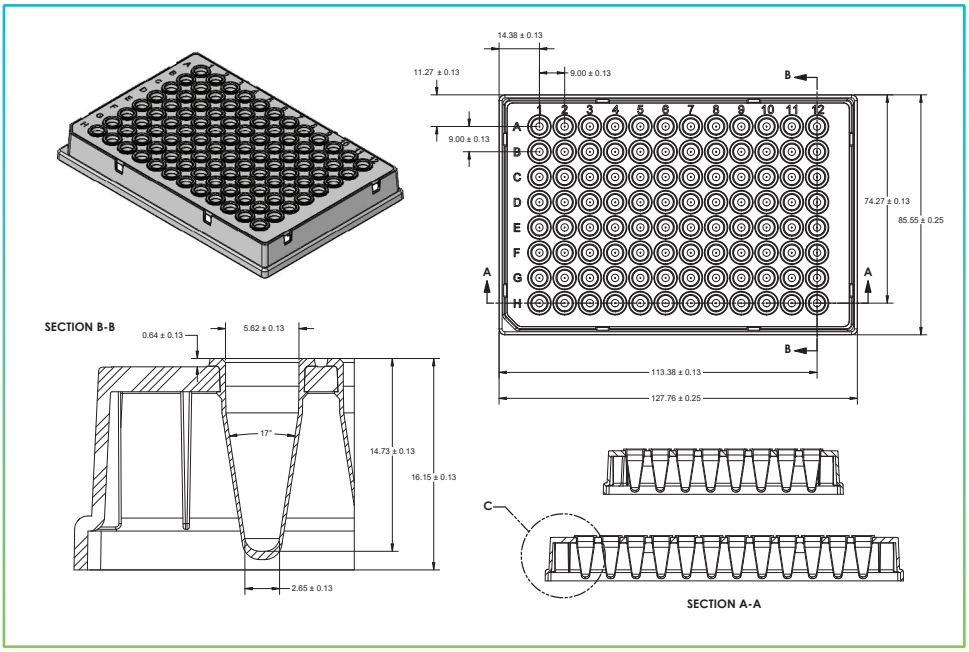
0.1 ML FULL-SKIRT



0.1 ML 96-WELL, FULL-SKIRT, H12 NOTCH VWR® RIGID PCR PLATE

- Polycarbonate frame is rigid and flat to facilitate a firm grip by robotic arms and ensure reliable placement
- Polypropylene wells provide optimal thermal transfer and higher reaction efficiency
- White well options enhance the fluorescence signal during qPCR
- Wells are slightly raised to ensure evaporation-proof sealing with film, foil, or strip caps
- ANSI/SBS footprint and well spacing
- Vibrant colors offer a visual distinction between different samples or experiments

Well Color	Frame Color	Cat. No.
Clear	Clear	**732-4396**
Clear	Clear	**732-4404**†
Clear	Blue	**732-4397**
Clear	Green	**732-4398**
Clear	Red	**732-4399**
Clear	Violet	**732-4400**
Clear	Yellow	**732-4401**
Clear	Assorted††	**732-4402**
White	Clear	**732-4403**
White	Clear	**732-4405**†

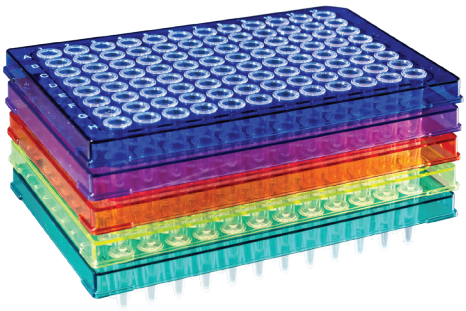


Dimensions	
Weight	29.905 g
Length at Base Plane	127.76 mm
Width at Base Plane	85.56 mm
Height	16.15 mm
Well Depth	14.73 mm
Well Diameter at Opening	5.62 mm
Well Diameter at Bottom of Conical Base	2.65 mm
Well Volume	100 µl
Well Spacing	9.0 mm
Well Angle	17 degrees
Well Offset	
Left Edge to Well A1	14.38 mm
Top Edge to Well A1	11.27 mm
Left Edge to H12	113.38 mm
Top Edge to H12	74.27 mm

†Pre-barcoded on P1-P24 front side.
††Assorted Colors: Blue, Green, Red, Purple, Yellow.

96-Well Rigid PCR Plate

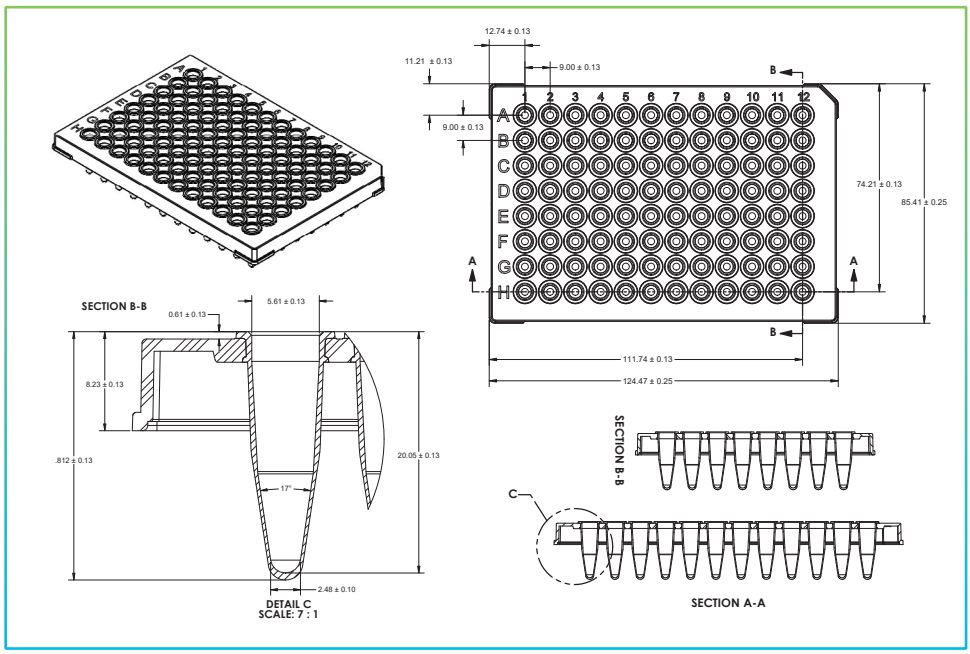
0.2 ML SEMI-SKIRT



0.2 ML 96-WELL, SEMI-SKIRT, A12 NOTCH VWR® RIGID PCR PLATE

- Polycarbonate frame is rigid and flat to facilitate a firm grip by robotic arms and ensure reliable placement
- Polypropylene wells provide optimal thermal transfer and higher reaction efficiency
- Wells are slightly raised to ensure evaporation-proof sealing with film, foil, or strip caps
- ANSI/SBS footprint and well spacing
- Vibrant colors offer a visual distinction between different samples or experiments

Well Color	Frame Color	Cat. No.
Clear	Clear	**732-4406**
Clear	Blue	**732-4407**
Clear	Green	**732-4408**
Clear	Red	**732-4409**
Clear	Violet	**732-4410**
Clear	Yellow	**732-4411**
Clear	Assorted††	**732-4412**†



Dimensions	
Weight	28.343 g
Length at Base Plane	124.47 mm
Width at Base Plane	85.41 mm
Height	21.81 mm
Well Depth	20.05 mm
Well Diameter at Opening	5.61 mm
Well Diameter at Bottom of Conical Base	2.48 mm
Well Volume	200 µl
Well Spacing	9.0 mm
Well Angle	17 degrees
Well Offset	
Left Edge to Well A1	12.74 mm
Top Edge to Well A1	11.21 mm
Left Edge to H12	111.74 mm
Top Edge to H12	74.21 mm

†Pre-barcoded on P1-P24 front side.
††Assorted Colors: Blue, Green, Red, Violet, Yellow.

384-Well Rigid PCR Plate

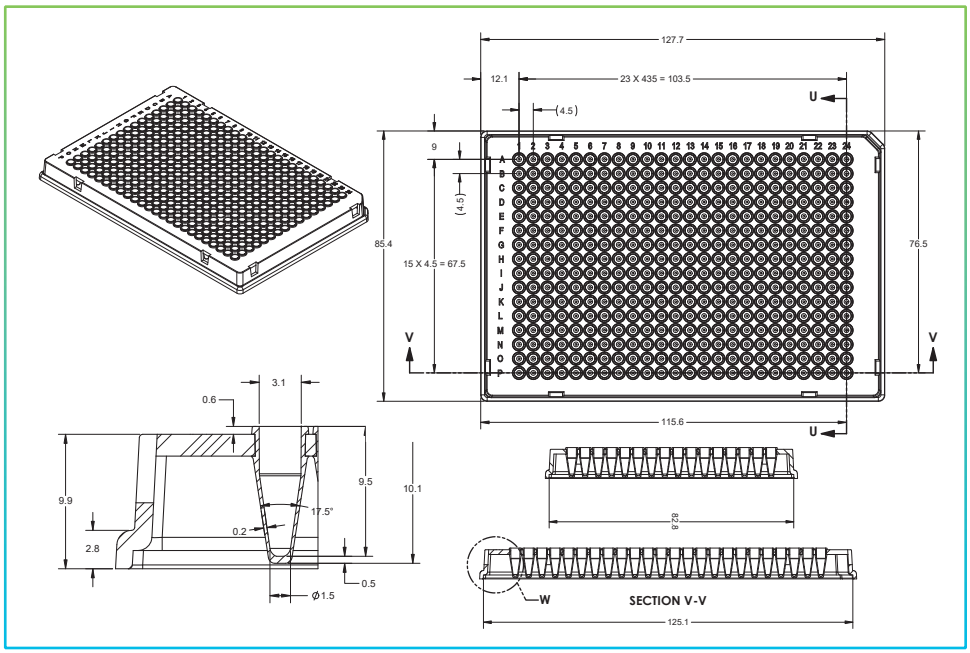
FULL-SKIRT, SINGLE NOTCH AT A24



30 µL 384-WELL, FULL-SKIRT, A24 NOTCH VWR® RIGID PCR PLATE

- Polycarbonate frame is rigid and flat to facilitate a firm grip by robotic arms and ensure reliable placement
- Polypropylene wells provide optimal thermal transfer and higher reaction efficiency
- White well options enhance the fluorescence signal during qPCR.
- Wells are slightly raised to ensure evaporation-proof sealing with film, foil, or strip caps
- ANSI/SBS footprint and well spacing
- Vibrant colors offer a visual distinction between different samples or experiments

Well Color	Frame Color	Cat. No.
Clear	Clear	**732-4413**
Clear	Clear	**732-4421**
Clear	Blue	**732-4414**
Clear	Green	**732-4415**
Clear	Red	**732-4416**
Clear	Violet	**732-4417**
Clear	Yellow	**732-4418**
Clear	Assorted††	**732-4419**
White	Clear	**732-4420**
White	Clear	**732-4422**

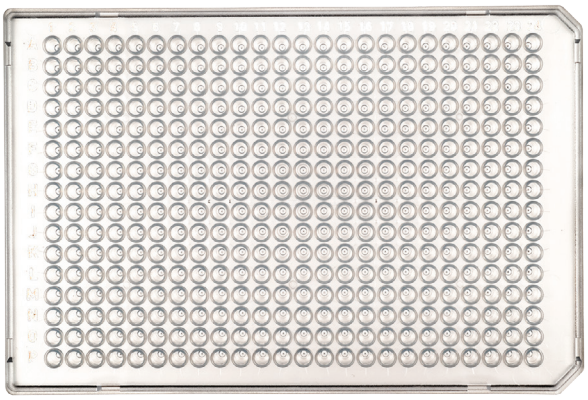


Dimensions	
Weight	26.033 g
Length at Base Plane	127.7 mm
Width at Base Plane	85.4 mm
Height	10.1 mm
Well Depth	9.5 mm
Well Diameter at Opening	3.1 mm
Well Diameter at Bottom of Conical Base	1.5 mm
Well Volume	30 µl
Well Spacing	4.5 mm
Well Angle	17.5 degrees
Well Offset	
Left Edge to Well A1	12.1 mm
Top Edge to Well A1	9.0 mm
Left Edge to P12	115.6 mm
Top Edge to P12	76.5 mm

†Pre-barcoded on P1-P24 front side.
††Assorted Colors: Blue, Green, Red, Purple, Yellow.

384-Well Rigid PCR Plate

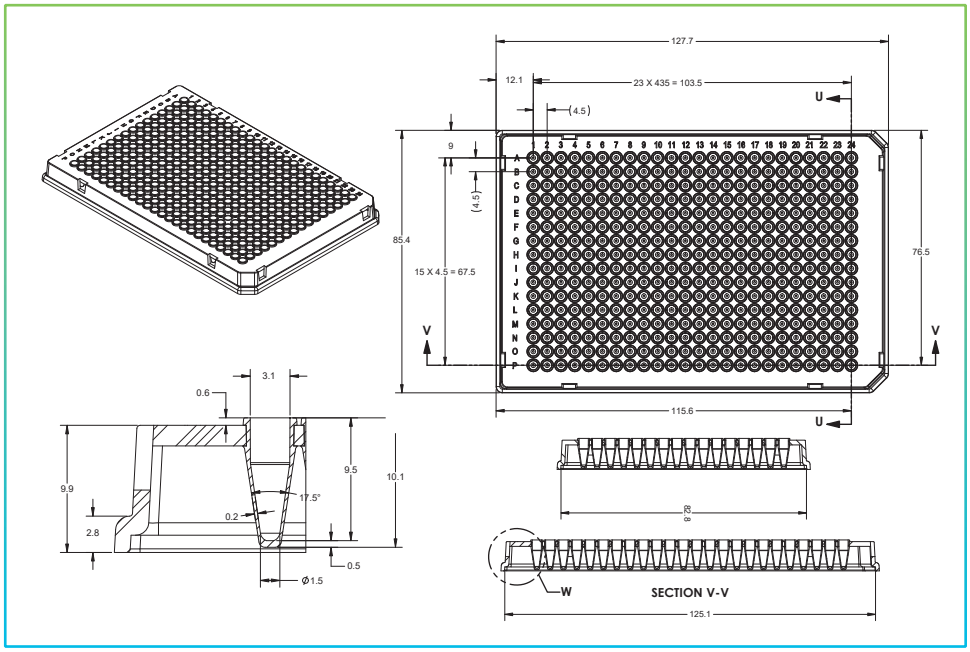
FULL-SKIRT, DUAL NOTCHES AT A24 & P24



30 µL 384-WELL, FULL-SKIRT, A24, P24 NOTCH VWR® RIGID PCR PLATE

- Polycarbonate frame is rigid and flat to facilitate a firm grip by robotic arms and ensure reliable placement
- Polypropylene wells provide optimal thermal transfer and higher reaction efficiency
- Wells are slightly raised to ensure evaporation-proof sealing with film, foil, or strip caps
- ANSI/SBS footprint and well spacing

Well Color	Frame Color	Cat. No.
Clear	Clear	**732-4423**
Clear	Clear	**732-4424**†



Dimensions	
Weight	25.901 g
Length at Base Plane	127.7 mm
Width at Base Plane	85.4 mm
Height	10.1 mm
Well Depth	9.5 mm
Well Diameter at Opening	3.1 mm
Well Diameter at Bottom of Conical Base	1.5 mm
Well Volume	30 µl
Well Spacing	4.5 mm
Well Angle	17.5 degrees
Well Offset	
Left Edge to Well A1	12.1 mm
Top Edge to Well A1	9.0 mm
Left Edge to P12	115.6 mm
Top Edge to P12	76.5 mm

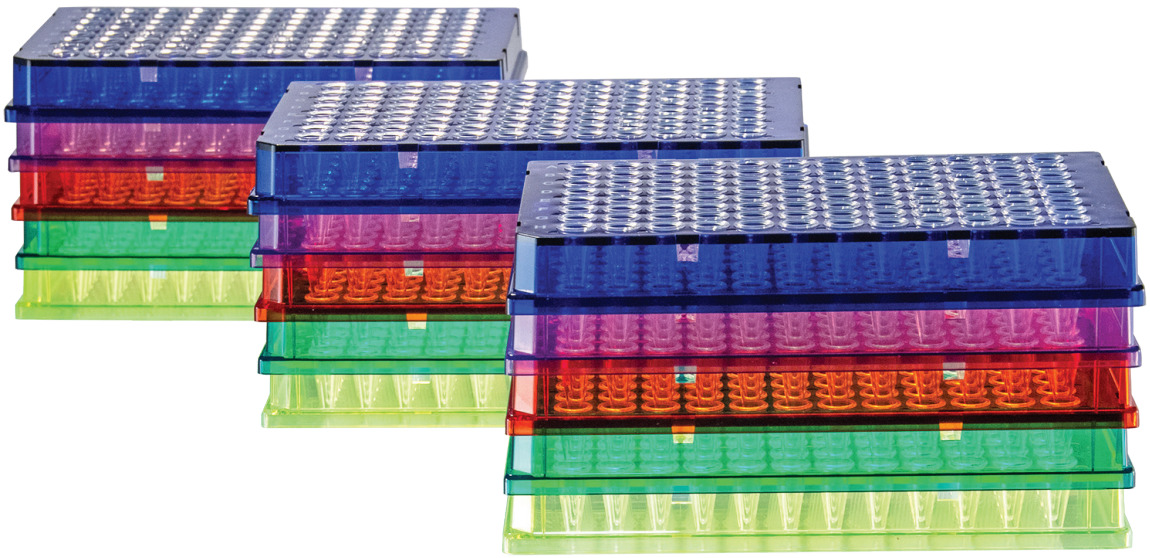
†Pre-barcoded on P1-P24 front side.

Thermal Cycler Compatibility Guide

	96-Well Semi-Skirt 0.2 ml	96-Well Full-Skirt 0.1 ml		384-Well Full-Skirt A24 Notch		384-Well Full-Skirt A24, P24 Notches	
	Clear Wells	Clear Wells	White Wells	Clear Wells	White Wells	Clear Wells	White Wells
BIO-RAD® / MJ RESEARCH®							
C1000, C1000 Touch, S1000	●	●	●	●	●		
CFX Connect, CFX96, CFX96 Touch		●	●				
CFX384, CFX384 Touch				●	●		
CFX96 Touch Deep Well	●	●	●				
Chromo4	●	●	●				
DNA Engine Opticon and Opticon 2		●	●				
DNA Engine, DNA Engine Tetrad, Tetrad 2		●	●	●	●		
DNA Engine Dyad, Dyad Disciple		●	●	●	●		
iCycler	●						
iQ, iQ-4, iQ-5, myiQ PCR System	●						
MJ Research PTC200, 220, 221, 225, 240	●			●	●		
MyCycler	●						
PTC 200		●	●	●	●		
T100	●						
CORBETT® / QIAGEN®							
Corbett Research (Qiagen) Palm Cycler	●						
Corbett Research (Qiagen) Palm Cycler 384				●	●		
EPPENDORF®							
Mastercylcer ep 384 / Pro 384				●	●		
Mastercylcer ep realplex	●	●	●				
Mastercylcer ep, ep gradient, Pro, Pro S	●	●	●				
Nexus, Nexus gradient, Nexus SX1, Nexus GSX1	●	●	●				
GE / MEGABACE®							
GE Healthcare Amersham MegaBACE 4000				●	●		
GE Healthcare Amersham MegaBACE 500, MegaBACE 1000 mark 2		●	●				
ROCHE®							
LightCycler 480 (384 well)						●	●
TECHNE® / COLE-PARMER®							
Flexigene	●	●	●	●	●		
Techne Genius, Genius Quad	●	●	●	●	●		
Techne PCRmax Alpha cycler 1, 2, 4				●	●		
Techne Prime, PrimeG, Prime Elite, Prime Elite Satellite	●			●	●		
Techne Quantica		●	●	●	●		
Techne TC412, TC512		●	●	●	●		
Techne TC-PLUS	●	●	●				
Touchgene, Touchgene Gradient	●	●	●				

Thermal Cycler Compatibility Guide

	96-Well Semi-Skirt 0.2 ml	96-Well Full-Skirt 0.1 ml		384-Well Full-Skirt A24 Notch		384-Well Full-Skirt A24, P24 Notches	
OTHER BRANDS / MODELS	**Clear Wells**	**Clear Wells**	**White Wells**	**Clear Wells**	**White Wells**	**Clear Wells**	**White Wells**
Apollo ATC-201	●						
BIONEER AllInOneCycler	●						
DLab TC1000-G	●	●	●				
G-Storm GS1, GS2, GS4	●	●	●				
HiMedia® Prima-96	●						
Labnet MultiGene, OptiMax							
Idaho Technology LightScanner		●	●	●	●		
peqLab peqSTAR 384X							
peqLab peqSTAR 96X	●						
Sensoquest Labcycler	●			●	●		
Takara Dice touch, Gradient	●						
ThermoFisher Hybaid MBS, Px2/PxE	●						
VWR® UNO96	●	●	●				
VWR® peqlab peqSTAR 96X		●	●				



Notes

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