



PCR Thermal Cycling

The Next Generation in PCR for Your Biopharmaceutical Laboratory

The Reliability You Depend on with Streamlined User Experience and Connectivity for Your Modern Controlled Lab

The PTC Tempo Thermal Cycler represents the next generation of conventional PCR thermal cyclers from Bio-Rad™. Engineered to maintain thermal performance that delivers accurate results, the PTC Tempo Thermal Cycler offers the flexibility to scale with your laboratory. The design features an intuitive user interface and flexible connectivity options for ease of protocol management. A motorized lid enables automation, taking your PCR to the next level with modern instrument control.

Consistent Performance

PTC Tempo Thermal Cyclers offer thermal accuracy and uniformity you can trust to get the consistent performance you need.

Intuitive Experience

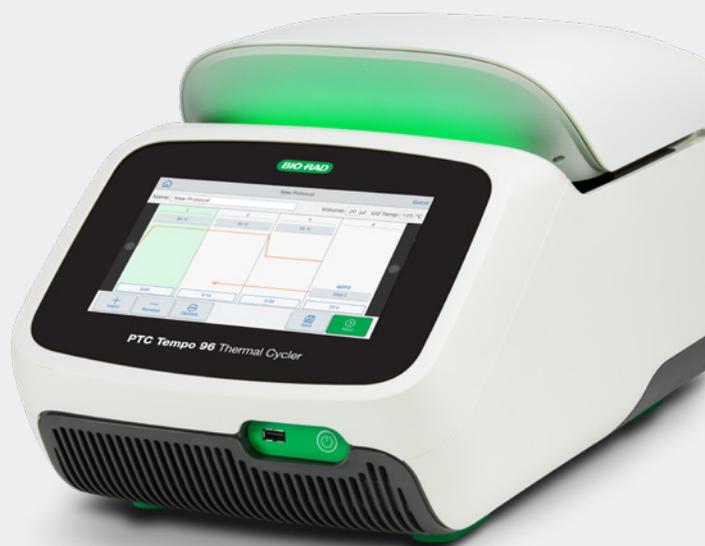
The modern user interface with enhanced touch sensitivity is intuitive for experienced and new users alike — perfect for training labs and scientists transitioning from other platforms. Additionally, the PTC Tempo Thermal Cycler connects with the BR.io cloud platform via WiFi to utilize cloud-enabled features such as remote protocol setup.

Flexible Service Options

Installation Qualification (IQ), Operational Qualification (OQ), Thermal Qualification (TQ), and preventive maintenance services are available to fit your needs.

Instant Usability

Out of the box, PTC Tempo Thermal Cyclers are factory calibrated and ready to use.



Automation Efficiency

The motorized lid of the PTC Tempo 96 and PTC Tempo Deepwell Thermal Cyclers increases efficiency and ensures consistent results. This self-adjusting lid removes the need to turn knobs and levers.

Secure User Mode

User access is protected to enhance security in regulated environments.

Search your mobile app store for **Bio-Rad AR** to get an augmented reality tour. Contact your local sales representative for an in-person demonstration.



Visit bio-rad.com/PTCTempo for more information.

BIO-RAD

Ordering Information

Catalog #	Description	Catalog #	Description
Instruments			
12015382	PTC Tempo 96 Thermal Cycler , includes power cord, USB cable, and Ethernet cable	1610770	10x TBE (Tris/Boric Acid/EDTA) Buffer , 5 L
12015392	PTC Tempo Deepwell Thermal Cycler , includes power cord, USB cable, and Ethernet cable	1610733	10x TBE (Tris/Boric Acid/EDTA) Buffer , 1 L
1814000	PX1 PCR Plate Sealer	1610773	50x TAE (Tris/Acetic Acid/EDTA) Buffer , 5 L
Accessory			
12013205	Ethernet Cable	1610743	50x TAE (Tris/Acetic Acid/EDTA) Buffer , 1 L
Reagents			
1725310	iProof HF Master Mix , 100 x 50 µl reactions, 2.5 ml	1610433	Ethidium Bromide Solution , 10 mg/ml
1725320	iProof GC Master Mix , 100 x 50 µl reactions, 2.5 ml	1610729	EDTA , 500 g, ≥99% pure
1708870	iTaq DNA Polymerase , 250 U (5 U/µl), 50 µl	1610716	Tris , 500 g, ≥99.8% pure
1708872	MgCl₂ Solution for PCR , 50 mM, 1.25 ml	Horizontal Electrophoresis	
1708874	dNTP Solution Mix , 10 mM, 200 µl	1704486	Mini-Sub™ Cell GT Horizontal Electrophoresis System
12012802	Reliance Select cDNA Synthesis Kit , 25 x 20 µl reactions	1640300	Mini-Sub Cell GT Horizontal Electrophoresis System and PowerPac Basic Power Supply
1708840	iScript Reverse Transcription Supermix , 25 x 20 µl reactions	1704485	Wide Mini-Sub Cell GT Horizontal Electrophoresis System
1725034	iScript gDNA Clear cDNA Synthesis Kit , 25 x 20 µl reactions	1640301	Wide Mini-Sub Cell GT Horizontal Electrophoresis System and PowerPac Basic Power Supply
1725037	iScript Advanced cDNA Synthesis Kit , 25 x 20 µl reactions	1704482	Sub-Cell™ GT Horizontal Electrophoresis System
1708896	iScript Select cDNA Synthesis Kit , 25 x 20 µl reactions	1640302	Sub-Cell GT Horizontal Electrophoresis System and PowerPac Basic Power Supply
1708890	iScript cDNA Synthesis Kit , 25 x 20 µl reactions	Rulers	
Plastics			
TLS0801	0.2 ml 8-Tube PCR Strips without Caps , low profile, clear, 120	1708351	EZ Load 20 bp Molecular Ruler , 20–1,000 bp, 50 bands
TFI0201	0.2 ml PCR Tubes with Flat Caps , high profile, clear, 1,000	1708352	EZ Load 100 bp Molecular Ruler , 100–1,000 bp, 10 bands
TWI0201	0.2 ml PCR Tubes with Domed Caps , high profile, clear, 1,000	1708353	EZ Load 100 bp PCR Molecular Ruler , 100–3,000 bp, 30 bands
HSP9601	Hard-Shell™ 96-Well PCR Plates , low profile, thin wall, skirted, white/clear, 50	1708354	EZ Load 500 bp Molecular Ruler , 500–8,000 bp, 16 bands
MLL9601	Multiplate 96-Well PCR Plates , low profile, unskirted, clear, 25	1708355	EZ Load 1 kb Molecular Ruler , 1–15 kb, 15 bands
HSL9601	Hard-Shell 96-Well PCR Plates , low profile, semi-skirted, clear/clear, 25	1708200	AmpliSize™ Molecular Ruler , 50–2,000 bp, 10 bands
HSL9605	Hard-Shell 96-Well PCR Plates , low profile, semi-skirted, clear/white, 25	Imaging	
HSL9905	Hard-Shell 96-Well PCR Plates , low profile, semi-skirted, clear/white, barcoded, 25	12009077	GelDoc Go Gel Imaging System with Image Lab Touch Software , includes UV/Stain-Free Imaging Tray
HSS9601	Hard-Shell 96-Well PCR Plates , high profile, semi-skirted, clear/clear, 25	1660531	UView Mini Transilluminator
HSS9901	Hard-Shell 96-Well PCR Plates , high profile, semi-skirted, clear/clear, barcoded, 25	Visit bio-rad.com/PTCTempo for more information about the PTC Tempo Thermal Cycler.	
MLP9601	Multiplate 96-Well PCR Plates , high profile, unskirted, clear, 25	Visit BR.io for more information about the BR.io cloud platform.	
12001925	ddPCR™ 96-Well Plates , semi-skirted, clear/clear, 25	 Bio-Rad PCR reagents and analytical instruments are manufactured under an ISO 13485:2016 certified Quality Management System and are quality control tested to ensure consistent product performance you can trust.	
MSB1001	Microseal™ 'B' PCR Plate Sealing Film , adhesive, optical, 100	BIO-RAD, AMPLISIZE, DDP-PCR, HARD-SHELL, MICROSEAL, MINI-SUB, and SUB-CELL are trademarks of Bio-Rad Laboratories, Inc. in certain jurisdictions. All trademarks used herein are the property of their respective owner. © 2022 Bio-Rad Laboratories, Inc.	
MSC1001	Microseal 'C' PCR Plate Sealing Film , adhesive, optical, 100	The Mini-Sub Cell GT, Wide Mini-Sub Cell GT, and Sub-Cell GT Cell Systems and/or their use are covered by the following U.S. patent and/or pending U.S. patent application or their foreign counterparts owned by or under license to Bio-Rad Laboratories, Inc., including, but not limited to, U.S. Patent No. 8,262,889.	
MSF1001	Microseal 'F' PCR Plate Seal , foil, pierceable, 100		
1814030	PCR Plate Heat Seal , clear, optical, 100		
1814040	PCR Plate Heat Seal , foil, pierceable, 100		
1814045	PCR Plate Heat Seal , foil, peelable, 100		
Agaroses			
1613102	Certified Molecular Biology Agarose , 500 g		
1613107	Certified Low Range Ultra Agarose , 125 g		
1613112	Certified Low Melt Agarose , 125 g, for DNA fragments ≥1,000 bp		
1613115	Certified PCR Low Melt Agarose , 500 g, for DNA fragments ≤1,000 bp		
1613105	Certified PCR Agarose , 500 g, for DNA fragments ≤1,000 bp		

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