



Gradient PCR Thermal Cycler GPTC96



Gradient PCR Thermal Cycler

GPTC96

Gradient PCR Thermal Cycler is used for amplifying DNA or RNA in various molecular biology applications, including expression analysis, genotyping, pathogen detection, and DNA sequencing preparation.

SALIENT FEATURES

- ✦ Android Operation System
- ✦ 10.1" Touch Screen Display
- ✦ Built-in standard program templates for quick file editing
- ✦ Adjustable hot lid temperature and work mode
- ✦ USB support for storing and copying PCR data and for USB mouse control
- ✦ Instrument can connect with Wi-Fi facility
- ✦ One-click quick incubation function can meet experiment's needs
- ✦ Hot lid temperature and hot lid work mode can be set to meet different experiment's need
- ✦ Automatic restart after power failure. When power is restored it can continue to run unfinished program.
- ✦ Air channel design allows machines to be placed side by side.
- ✦ Graphical menu navigation for simple operation
- ✦ High heating and cooling rate, max Ramping rate 6°C/s
- ✦ Lock Screen Function available

Gradient PCR Thermal Cycler

HSN Code : 90275030

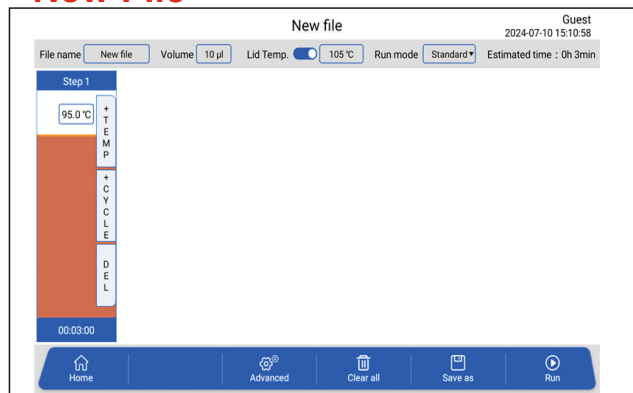
SPECIFICATIONS	MODEL	GPTC96
	Make	LABMAN
	Capacity	96×0.2ml
	Formats	0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate
Temperature Performance	Reaction Volume	5-100µl
	Temperature Range	0-105°C
	MAX.Ramp Rate	6°C/s
	Uniformity	≤±0.2°C
	Accuracy	≤±0.1°C
	Display Resolution	0.1°C
	Temperature Control	Block / Tube
	Ramping Rate Adjustable	0.01°C - 6°C/s
	Hold at 4°C	Forever
Gradient	Gradient Temp. Range	30°C - 105°C
	Gradient Type	Normal / Linear
	Gradient Spread	0.1°C - 42°C
Software Function	Hot Lid Temperature	30°C - 115°C
	No. of Programs	2,00,000+(USB FLASH)
	Max. No. of Step	30(Multiple nested PCR experiments)
	Max. No. Cycle	200(Up to 1,00,000 in nested Cycle)
	Time Increment/Decrement	1s-600s
	Temp. Increment/Decrement	0.1- 10.0°C
	Pause Function & Auto Data Protection	Yes
	Temp. Curve	Yes, Single page and sliding view
	GLP Report	Yes, can export CSV PDF format report
	File Encryption Function	Individual Program files can be encrypted
	User Management Privilege	Three levels of access (administrator, User, Guest)
	Email Notification	Email notification after experiment is over
Others	Display	Touch Screen Display
	Communication	USB & Wi-Fi
	Power Supply	100-240VAC, 50/60Hz, 600W
	Dimension (LxWxH)	520 x 400 x 390mm
	Weight	13kg

*Specifications are subject to change without notice.

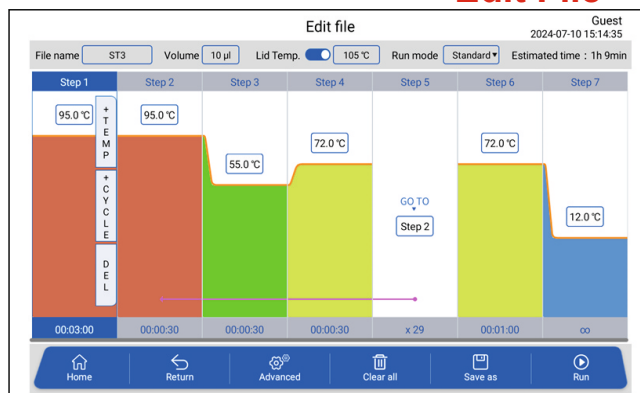
STANDARD ACCESSORIES : Main Instrument, Touch Pen, Power Cord, 8A Fuse , Instruction Manual , Test Certificate

Gradient PCR Thermal Cycler GPTC96

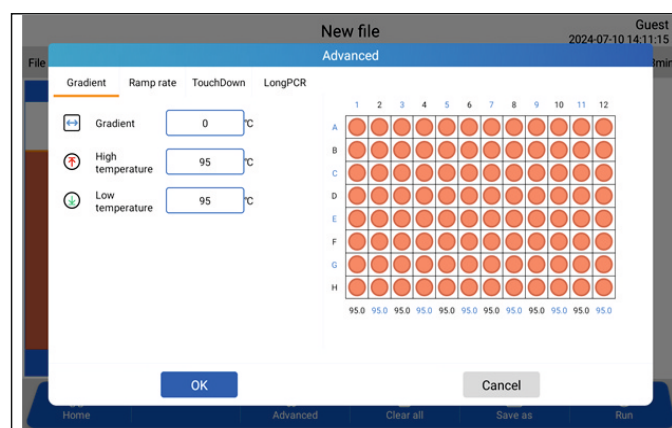
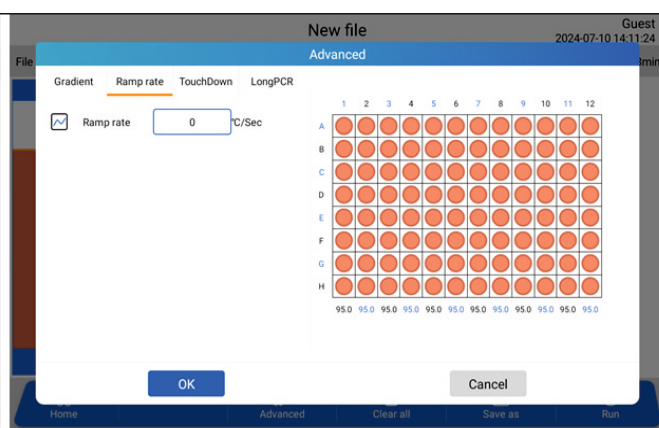
New File



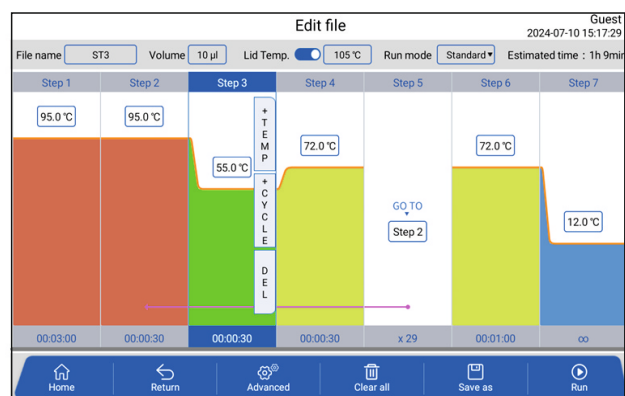
Edit File



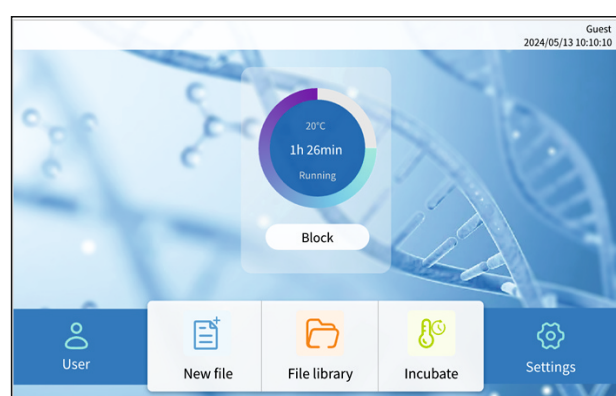
Advanced

Save File



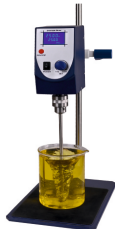
Home Screen



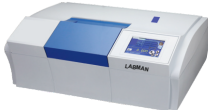
LABMAN Product Range 2025-26

LMFD61, 62, 63, 64 Lyophilizer Freeze Dryer (-60°C)	LMFD83, 84 Lyophilizer Freeze Dryer (-80°C)	LMRE25 Rotary Evaporator	ADM3 Automatic Density Meter	MSOD6 Microvolume Spectrophotometer
NAE32 Nucleic Acid Extractor	EMR4 Elisa Microplate Reader	GPTC96 Gradient PCR Thermal Cycler	HO30 Hybridization Oven	UVCL254 UV - Crosslinker
TGH12, 24 Tissue Grinder Homogenizer	PBH80T Paddle Blender Homogenizer	TOC2NDir Total Organic Carbon Analyzer	TOC1CD Total Organic Carbon Analyzer	LMDS600, 1200 Microwave Digestion System
HPLC1IS, HPLC2GS High Performance Liquid Chromatography	APT1800 Automatic Potential Titrator	KFT250VC Karl Fischer Titrator	COD1500 COD Analyzer with Digestor	BOD4000 BOD Analyzer
MTVM50 Multi Tube Vortex Mixer	LMVM60D Vortex Mixer	OS20 Orbital Shaker	TRM6 Tube Roller Mixer	DBNE12, 24 Dry Bath Nitrogen Evaporator

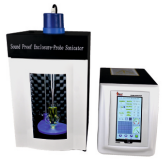
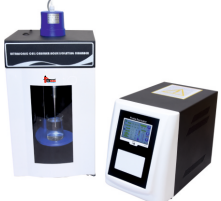
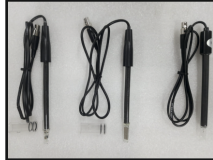
LABMAN Product Range 2025-26

DBI11T  Dry Bath Incubator	DBI15SH, DBI16SC  Dry Bath Incubator	IRS14, 35  Infrared Sterilizer	GGA200  Air Generator	GGA301, 302  Hydrogen Generator
GGN303  Nitrogen Generator	GHA304  Hydrogen Air Generator(2 in 1)	LMVP10  Vacuum Pump	LMVP20  Vacuum Pump	LMCO1  Column Oven
LMIO6  Mini Thermostatic Incubator	GHP400  Graphite Hotplate	LOBMS5  Oil Bath Magnetic Stirrer	LMMS4LC, 20LC  Ceramic Hotplate Magnetic Stirrer	LMMS300  Hotplate Magnetic Stirrer
MMS15S  Multiposition Magnetic Stirrer	MMS12H  Multiposition Magnetic Stirrer	WBMS3  Water Bath Magnetic Stirrer	LMWB2H, 4H, 6H, 8H  Digital Water Bath	HOS20L  Overhead Stirrer
LMHH160  Hand Held Homogenizer	PS1565  Peltier / Sipper System	LUV6HG  PMT Spectrophotometer	LUV2000T, 2100T  Single / Double Beam UV-Vis. Spectrophotometer with 21CFR	LMSPUV SERIES  Double Beam UV-Vis. Spectrophotometer

LABMAN Product Range 2025-26

LMSPUV1200  UV-Vis Single Beam Spectrophotometer	LMSPV320, 325  Visible Spectrophotometer	ADP100CFR, 95CFR  Automatic Digital Polarimeter with CFR	ADP45, 50  Automatic Digital Polarimeter ($\pm 45^\circ$)	ADP75, 90  Automatic Digital Polarimeter ($\pm 90^\circ$)
ADP40  Automatic Digital Polarimeter	LMPM180  Manual Polarimeter	MAR100  Manual ABBE Refractometer	RFM100CFR  Digital Refractometer CFR	RFM950, 970  Digital Refractometer
LMAR1317T  ABBE Refractometer	LMDV300H  Digital Viscometer with Thermosel	LMDV60, 100, 200  Digital Viscometer (L Series)	LMDV400R  Digital Viscometer (R Series)	LMKV2  Krebs Viscometer
LMDV111, 222  Digital Viscometer with SSA	LVA30  Low Viscosity Adaptor	LMCR80F  Visual Colorimeter	LMUC2D  Ultrasonic Cleaner	LMUC3D, 6D, 9D, 12D, 25D  Ultrasonic Cleaner - Degas
LMUC50, 100  Industrial Ultrasonic Cleaner	LMPH15  pH Meter with Printer	LMPH12, LMPH10H  pH Meter	LMPH9  pH Meter - Basic	LMCM20H  Conductivity / TDS Meter

LABMAN Product Range 2025-26

LMCM20H  Conductivity / TDS Meter	LMMP30, 32  Multiparameter (7 in 1 / 9 in 1)	LMION40  Ion Meter	LMDO50  Dissolved Oxygen Meter	LMHD60  Water Hardness Meter
OPH11  Online pH Controller	OCM21  Online Conductivity Controller	LMTB200  Turbidity Meter	RCB1010T, 1020T, 1030T  Refrigerated Circulating Bath	RCB620T  Refrigerated Circulating Bath
RWC320  Recirculating Water Chiller	LMDO4P  Portable DO Meter	LMPH1P  Portable pH / ORP Meter	LMCM2P  Portable Conductivity / TDS Meter	LMTB5P  Portable Turbidity Meter
PRO656, 900, 1200, 1800  Probe Sonicator	PRO660R  Probe Sonicator with Remote	PRO650  Probe Sonicator	LMIF30T, 50T, 100T  Ice Flaker	LMIF200T  Ice Flaker
LMIM15  Ice Maker	LMIM20C  Ice Maker with Crusher	ISE19, 62  Nitrate / Fluoride ISEs	ER SERIES  pH Electrode / DO Electrode	CC1, CC2, CC3  Conductivity Cell