



Molecular diagnostics

VeritiPro Dx Thermal Cycler

Next-generation diagnostic endpoint thermal cycler
(CE-IVD, IVDR-compliant)

UK CA CE IVD

For *in vitro* diagnostic use.

applied biosystems

VeritiPro Dx Thermal Cycler (CE-IVD, IVDR-compliant)

The Applied Biosystems™ VeritiPro™ Dx Thermal Cycler is an *in vitro* diagnostic (IVD) endpoint thermal cycler designed to amplify nucleic acids from human-derived specimens using polymerase chain reaction (PCR). It is classified as a US FDA Class I Medical Device.

The VeritiPro Dx Thermal Cycler delivers precision temperature controls and has ramp rate speeds of 6.0°C/sec. This premium performance enables reliable and fast PCR-based workflow results.

Key features:

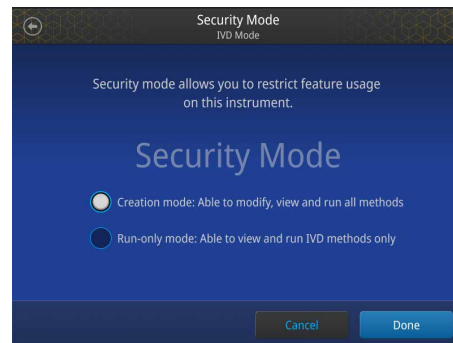
- The VeritiPro Dx Thermal Cycler is compliant with the *in vitro* diagnostic regulation (IVDR)
- Security mode to safeguard the integrity of validated protocols and experimental results
- Innovative design with small footprint, ergonomic soft-close lid, and low noise output
- Precise temperature control with Applied Biosystems™ VeriFlex™ Blocks for accurate PCR optimization
- Simulation mode for easy method transfer from the Applied Biosystems™ Veriti™ Dx Thermal Cycler to the VeritiPro Dx Thermal Cycler, eliminating the need for reoptimization



Security mode (IVD)

Two security modes are located under the administrative profile to provide user accessibility and to safeguard the integrity of validated protocols and experimental results.

- Creation mode—enables users to see and open all folders to modify, view, and run all methods
- Run-only mode—restricts user access to the IVD folder; can only view and run IVD methods



VeriFlex technology for precise temperature control

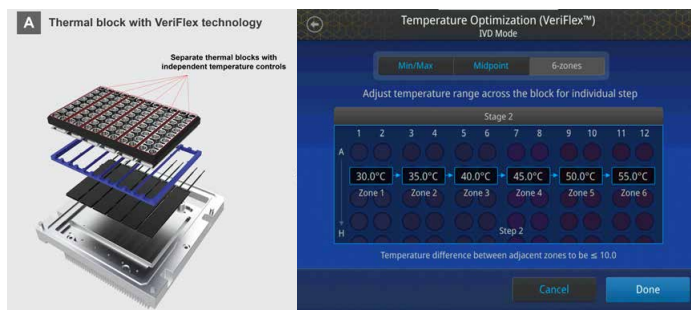
Applied Biosystems™ thermal cyclers that use VeriFlex technology are constructed with three or more separate heating or cooling elements below segmented metal blocks, each completely insulated from the others. This helps prevent heat interactions, providing the ability to set up to six different temperatures and allowing for better-than-gradient control of temperature optimization.

Benefits of VeriFlex technology:

- Enable highly accurate determination of optimal annealing temperatures
- Help eliminate guesswork often associated with standard gradient cyclers
- Help save time by running up to six reactions with different annealing temperatures in the same PCR run
- Use thermal cycler as an incubator or heat block; take advantage of precise temperature control

Intuitive touchscreen

Programming is easy with a large 8-inch color TFT LCD touchscreen for editing or creating new methods and monitoring runs.



Specification	VeritiPro Dx Thermal Cycler*
Block format	96-well, 0.2 mL alloy block
Maximum block ramp rate	6.0°C/sec
Maximum sample ramp rate	4.4°C/sec
Temperature accuracy	±0.25°C (35–99.9°C)
Temperature range	0–100°C
Temperature uniformity	<0.5°C (30 sec after reaching 95°C)
Reaction volume range	10–100 µL
VeriFlex Blocks range	6 temperature zones; supports 25°C across block (5°C zone-to-zone)
Display interface	8 in. color TFT LCD touchscreen
Instrument memory	USB port and 8 GB onboard memory
Number of programs	>1,000 protocols
Dimensions (L x W x H)	46.5 x 24.5 x 21.7 cm (18.3 x 9.7 x 8.5 in.)
Weight	12 kg (26.5 lb)
Voltage	100–120 V; 200–240 V, 50/60 Hz
Noise output	Operation: <53 dBA Idling: <40 dBA
Sustainability	Sleep (standby) mode to reduce power consumption compared to idling mode
Cat. No.	A57751

* The VeritiPro Dx Thermal Cycler can be used to amplify human nucleic acid samples for diagnostic applications. The VeritiPro Dx Thermal Cycler is intended for use by trained professionals in laboratory techniques and procedures. End user is responsible for validation of assays and compliance with regulatory requirements that pertain to their procedures and uses of the instrument.

Services and support for the VeritiPro Dx Thermal Cycler

Basic package

Thermo Fisher Scientific offers a comprehensive range of services and support to help keep the performance of your VeritiPro Dx Thermal Cycler at peak level. The following services are available at no additional cost:

- On-site installation qualification and operational qualification (IQ/OQ) services at the time of instrument installation
- Incidental post-repair IQ/OQ services
- Standard 1-year factory warranty

Service contract package

For labs operating in strictly regulated environments, the VeritiPro Dx Thermal Cycler service contract package can be an ideal choice. The following service entitlements are in addition to the basic package:

- Extended 1-year factory warranty
- Annual planned maintenance (PM) with OQ

The VeritiPro Dx Thermal Cycler service contract package is designed to provide peace of mind with an extended warranty, annual testing, and documentation to help ensure that thermal cyclers in regulated environments have maximum uptime and produce high-quality data.

Qualification services

Instrument hardware qualifications for the VeritiPro Dx Thermal Cycler include IQ/OQ services to verify and document the instrument's ability to meet manufacturer design specifications. Qualification specialists from Thermo Fisher will partner with you to deliver timely, cost-effective, and trusted qualification services that include reliable, audit-style documentation to help ensure your thermal cycler meets regulatory requirements.

Contact an instrument qualification specialist at thermofisher.com/iqoqpg.

Ordering information

Description	Cat. No.
VeritiPro Dx Thermal Cycler with IQ/OQ	A57751
VeritiPro Dx Thermal Cycler with IQ/OQ, Extended 1-Year Warranty, and Annual PM with OQ	A57752
MicroAmp EnduraPlate Optical 96-Well Clear GPLE Reaction Plates with Barcode	4483348
MicroAmp Optical 96-Well GPLE Reaction Plates with Barcode	4481192
MicroAmp Clear Adhesive Film	4306311
Optical Adhesive Covers GPLE	A49767
MicroAmp 96-Well Tray for VeriFlex Block	4379983
MicroAmp 96-Well Tray/Retainer Set	4381850
MicroAmp Optical 8-Tube Strip with Attached Optical Caps, 0.2 mL	A30588
MicroAmp Optical 8-Tube Strip with Attached Domed Caps, 0.2 mL	A30589
MicroAmp 8-Cap Strip, clear	N8010535
MicroAmp 8-Tube Strip, 0.2 mL	N8010580
MicroAmp Reaction Tube with Cap, 0.2 mL	N8010540
MicroAmp Reaction Tube without Cap, 0.2 mL	N8010533

Learn more at thermofisher.com/veritiprodx

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For *In Vitro* Diagnostic Use. The VeritiPro Dx Thermal Cycler is available in the US, Europe, and other selected countries globally. Please check with your Thermo Fisher Scientific representative for availability in your country.

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