

Automation for when every step needs to be precise

Complete your workflow with the Automated Thermal Cycler

Whether you've implemented an automated liquid handling system or may do so in the future, the Applied Biosystems™ Automated Thermal Cycler (ATC) is the right choice for automated PCR results. The Automated Thermal Cycler provides the reliability and performance you've come to expect from Applied Biosystems™ instruments, now in a small, easy-to-integrate, and compatible format.



Space-saving design with small thermal cycler footprint

- Flexible modular design helps save space on a robotic deck
- The separate control panel module provides flexibility when integrating on a robotic deck
- Choice of 10 cm, 1 m, and 3 m cables allows flexibility to locate the control module under the thermal cycler, under the deck, or up to 3 m away from the unit



Automated lid and cycler features

- The automated lid provides easy, hands-free operation with a liquid handler or plate stacker
- The heated cover slides forward to cover the plate nest, enabling thermal contact and minimizing evaporation
- The ATC is compatible with full-skirted plates; the 96-well ATC is also compatible with half-skirted plates



Fully integrate your automated system with our easy-to-install software

- Easily integrate your robot with SiLA Rapid Integration™ standard*—compatible software and prewritten application programming interfaces (APIs) for major robotic platforms
- Test the instrument using desktop software before integrating it
- Use protocols optimized for the Applied Biosystems™ 9700 system worry-free with simulation mode



* sila-standard.org



Award-winning service and support

- Help reduce downtime with rapid exchange support
- Have our engineers perform temperature qualification at your site

Use the ATC as a stand-alone PCR thermal cycler

Flexible software can easily be connected to your robot's software interface or be used to control the ATC as a stand-alone instrument.

Test your instrument using the ATC desktop application before integrating it into your robotic automation system (Figures 1 and 2).

Ordering information

Product	Cat. No.	
	96-well	384-well
ATC System, laptop, 1 m cable	A31486	A33977
ATC System, laptop, 3 m cable	A31487	A33978
ATC System, laptop, 10 cm cable	A31488	A33979
ATC System, 1 m cable	A31489	A33980
ATC System, 3 m cable	A31490	A33981
ATC System, 10 cm cable	A31491	A33982
ATC Semi-skirted Adaptor	A33044	NA
ATC Full-skirted Adaptor	A33045	NA
Applied Biosystems™ MicroAmp™ EnduraPlate™ Optical Full-Skirted Plates with Barcode, Clear (500 plates/pack)*	A31732	4483273

* Available in multiple colors.

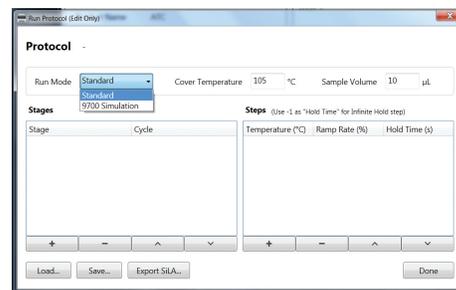


Figure 1. Easy-to-use desktop software application available.

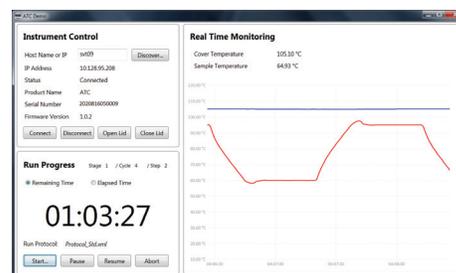


Figure 2. Easy visualization and monitoring of temperature and ramp-rate data during your PCR run.

Find out more at thermofisher.com/atc