

GENECHECKER UF-150

Ultra-Fast qPCR System



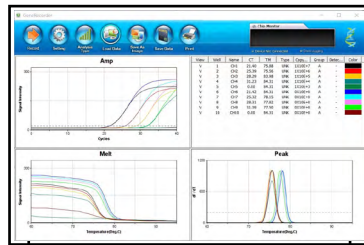
Quantitative Results in 12 Minutes!

The best tool to make your PCR Diagnostic applications faster and easier

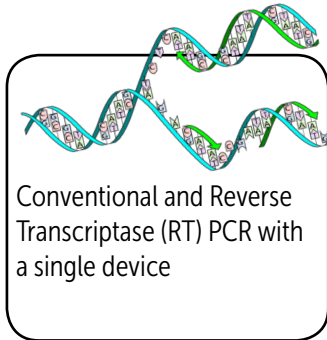
GENECHECKER has adopted a special polymer to create a new chip called Rapi:chip which enables much faster thermal transfer to the samples when compared to conventional PCR tubes or plates. The thermal cycling mechanism of GENECHECKER achieves 8°C/sec ramping rate for both heating and cooling.



Patented chip design provides extremely rapid output - 30 cycles in 12 minutes!



Real-Time detection through dedicated GENECORDER software



Conventional and Reverse Transcriptase (RT) PCR with a single device



Use with SMARTCHEK Foodborne Pathogen Detection Kits for in house pathogen testing

LIMITED TIME SPECIAL OFFER!

FREE Accessory with Purchase of GENECHECKER UF-150 Ultra-Fast qPCR System

Choose from:

- FREE** Rapi:Lyoprobe Master Mix
- FREE** SMARTCHEK Foodborne Pathogen Detection Kit
- FREE** Rapi:Prep Extraction Kit
- FREE** Pack of Rapi:Chips

Use Code
UF150
At Checkout

Up to **\$544.95 Value!**

A representative will contact you to determine which accessory you would like to redeem
Valid through 12/31/2019

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- 620 Lakeview Pkwy
Vernon Hills, IL 60061
- daigger@daigger.com
- (800) 621-7193
- www.daigger.com

Specifications

Operating Mechanism	Precise Control of Peltier Element
Temperature Accuracy	± 0.5°C
Temperature Uniformity	± 0.5°C (Well to Well)
Temperature Stability	± 0.5°C
Ramping Up Rate	8.0°C / second
Ramping Down Rate	8.0°C / second
Temperature Range	30 ~ 65°C (1.0°C Increment) for RT Step 20 ~ 99°C (1.0°C Increment) for PCR
Sample Format	Polymer Based 3-Dimensional Chip
Number of Samples per Run	10
Required Sample Volume	10µL
Typical PCR Duration	Approx. 12 Minutes for 30 Cycles (without RT Step)
Method of Detection	Analysis of Digitized Fluorescence Signal
Display	4 Line Text LCD
Integrated Memory	Saves Up to 12 Reaction Protocols
Type of Excitation	High Brightness LED
Wavelength	465nm + 10nm
Number of Detection Channel	1
Method of Fluorescence Measurement	Integrated Camera Module
PC Connection	USB 2.0 A to B (PC to Device)
Power	AC 100-230V/50/60Hz (Input Power: DC 12V)
Power Consumption	120 W
Dimensions	7.8" (w) x 7.8" (d) x 5" (h)
Weight	7 lbs (instrument only)

Customer Testimonial

"The GENECHECKER is a very small, portable PCR machine in which we finish our PCR in about 10 to 15 minutes. I am very pleased with GENECHECKER, and would be very happy to recommend it."

George Zhu, President of GM Biosciences, Frederick, MD.

"We are a family owned and operated farm. As you can imagine, food safety is paramount to our business sustainability. Our food safety programs are validated by our testing protocols at the packing plant. We are excited about future growth potential of on farm PCR level testing that the GENECHECKER provides. The fresh produce industry has been waiting for the technology curve/price to kick in on this technology. The GENECHECKER has helped clear this hurdle in a meaningful way."

Bob J, COO.

Ordering Information

Item Number	Description	Price
EF24527	GENECHECKER UF-150 Instrument	\$ 5,995.95
EF24528	Rapi:Chip PCR Chip, pack of 48	\$ 79.95
EF29181	Rapi:Lyoprobe Master Mix, 480 reactions	\$ 544.95
EF33276	Rapi:Prep gDNA Extraction Kit for isolating DNA from tissues, cells and bacteria. 100 Preps/Kit	\$ 269.95
EF29177	SMARTCHEK Salmonella Spp. Detection Kit, pack of 48	\$ 359.95
EF29178	SMARTCHEK Listeria Monocytogenes Detection Kit, pack of 48	\$ 359.95
EF29179	SMARTCHEK Escherichia Coli (E-Coli) O157 Detection Kit, pack of 48	\$ 359.95
EF29180	SMARTCHEK Campylobacter Jejuni Detection Kit, pack of 48	\$ 359.95

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