

genechecker

UF-340

Four-in-One

Real-time

PCR System

Four-in-One Individual
Testing Module
To Increase
Your Molecular
Test Efficiency

- 4 individual testing modules in 1 device to increase test efficiency and versatility
- Patented chip based reaction provides rapid output – “40 Cycles in 20 minutes”
- 10.1" Wide LCD Touchscreen and intuitive user interface to make the test simple and easy
- Data export method for convenient management of test results
- Improved temperature accuracy and uniformity to meet the requirement in diagnostics
- Dual detection channel (FAM/ROX) for target and internal control detection



Ideal for flexible testing environment

For flexible use in the field of molecular testing environment, 4 individual testing modules can work under different PCR settings and time in 1 device. It is ideal for the users in small and middle sized hospitals or clinical laboratories with unpredictable patient numbers in different PCR testing needs.

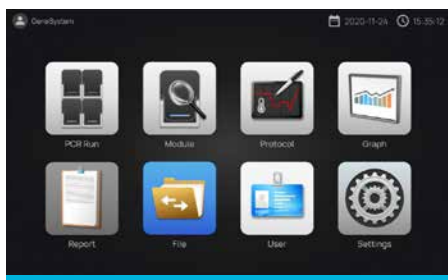
Innovative Four-in-One molecular testing platform

Genesystem is proud to introduce **genechecker** UF-340 Four-in-One Real-time PCR system, the microfluidic chip based PCR method associated with compact and sophisticated hardware mechanism which dramatically reduces the TAT of PCR testing down under 20-40 minutes. To increase test efficiency and versatility of previous models, the platform consists of 4 individual testing modules and 10.1" Wide LCD Touchscreen to provide total solution from PCR settings and result analysis. Covering more sample capacity in 1 device, at the same time, users can save the cost and space compared to the case of using 4 different devices. From now on, Genesystem is ready to present its state-of-the-art hardware technology to provide users with more efficient and convenient molecular diagnosis platform.

Improved operating system for convenient data control

genechecker UF-340 Four-in-One Real-time PCR system adopted newly designed operating system which enables more convenient testing environment. This system offers accessibility to customers' data management programs via LAN or Wi-fi connection.

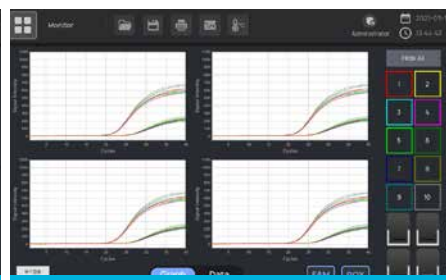
INTUITIVE USER INTERFACE MAKES THE TEST SIMPLE AND EASY



Main screen of GENEchecker UF-340.



Check Operation Status of Four-in-One screen.



Check PCR results of different modules at once.

SPECIFICATION

- Operating Mechanism	Precise control of peltier element
- Temperature Accuracy	± 0.2°C
- Temperature Uniformity	± 0.2°C (well to well)
- Ramping Rate	8.0°C / second
- Range of Temperature Setting	1 ~ 99°C (0.1°C resolution)
- Sample Format	Polymer based 3-dimensional microfluidic chip
- Number of Sample per Run	40
- Reaction Volume	10 µl
- Method of Detection	Measurement of fluorescence signal using CMOS module
- Display and User Interface	10.1 inch TFT display capacitive touch panel
- Type of Excitation	High brightness LED
- Detection Channel	FAM and ROX
- Emission Wavelength	FAM : 472 nm / ROX : 570nm
- Power	AC 100-240V (50-60Hz) Input / DC 12V Output 37.5A(450W)
- Connectors	USB Type A 3 ports, LAN 10/100
- Dimension	260(w) x 398(d) x 328(h) mm
- Weight	13.7kg

ORDERING INFORMATION

Catalog No.	Product	Pack Size
1499100100	genechecker UF-340 Four-in-One Real-time PCR System	1 SET
9699100100	Rapichip™ 10-well PCR Chip (S-Pack), Standard Pack (48 pcs/PK)	48 pcs / PK
9699100101	Rapichip™ 10-well PCR Chip (M-Pack), Medium Pack – 8 PK of S-Pack	384 pcs / PK
9699100102	Rapichip™ 10-well PCR Chip (L-Pack), Large Pack – 16 PK of S-Pack	768 pcs / PK

Genesystem Co., Ltd.