

TF-Touch Series Isothermal Fluorescence PCR Systems

The TF-Touch Series is a new generation of state-of-the-art isothermal fluorescence PCR system with an easy-to-use 7-inch touch screen and ergonomic design, it is equipped with features and qualities that will stand out in every kind of laboratory. Lightweight, compact, cost-effective, independent, field-based and point-of-care is a sensitive, convenient and user-friendly device for diagnostic applications.

The system is designed to operate any isothermal amplification method using target detection by fluorescence measurement. The TF-Touch-1/2 has low power requirements and includes a rechargeable lithium polymer battery that can continue to run for 2-5 hours.

Actual temperature and fluorescence data can be observed during operation and graphically displayed on the screen. In addition, all data is stored in the device's large internal memory. If desired, this data can be transferred to the PC or Smartphones via external USB memory or WiFi after the end of the work and can be viewed at any time later.



Technical Specifications;

Model	TF-Touch-1	TF-Touch-2
Temperature Control Range	Ambient - 99°C	
Temperature Accuracy	±0.1	
Temperature Uniformity	±0.15	
Heating Speed	2/s	
Cooling Speed	2/s	
Sample Number	8 wells (1x8 strip)	
Sample Volume	15ul - 150ul	
Channels	1	2
Optic Source	F1: 470nm	F1: 470nm F2: 590nm
Detection	F1: 525nm	F1: 525nm F2: 630nm
Power Adapter	DC15V 8A	
Dimensions (WxDxH)	145x305x100mm	
Weight	1.9 Kg	

