Nanochecker *TRF 101*

Application

Nano-Checker TRF101 can analyze the optical density of fluorescence test line on the Nano-Check™ europium TRF device and converts the data to a concentration value of analyte. It is a true point of care quantitative testing solution for any kinds of emergency testing with high accuracy and sensitivity. Unique user friend software (TERA 101) was installed in the Nano-Cheker TRF 101 to provide an efficient data management system .

Features

- A true point of care Quantitative testing solution
- Quick and Accurate Results, 10-15 min TAT and 0.01ng/ml LoD for Nano Check Tn I
- A fully portable (battery and/or AC power), Lightweight Reader
- Self-diagnostic and internal quality control checks
- No calibration or maintenance required
- Customization Test Program
- Remote Access for Repair Service
- Operate Service Server, Available 24 hour Technical Support
- Internal Quality control Card (IQC) and external liquid QC (LQC) available
- Stores more than 10,000 test results
- Data can be exported to LIS
- Internal and External Barcode Scanner to import Device and Patient's information
- Internal Thermal Printer or External Network Printer
- Touch screen 10' monitor

Current Applicable Test

- Cardiovascular Disease Test : Nano-Check™ AMI 3 in 1, 2 in 1, TnI, NT-proBNP, D-dimer and hs-CRP
- Infection Related Test : Nano-Check™ CRP, Nano-Check™ PCT

Specifications

Specification		Nano-Checker TRF
Key Features		Provides highly sensitive and more accurate quantitation results based on unique time-resolving fluorescence measurement and imaging photometry technology
Applicable Test Items		Nano-Check ™ products; (AMI 3 in1, 2 in1 , Tn I, NT-proBNP, PCT, CRP, hsCRP test)
System	Operation System	Linux
	Data Memory	> 150 MB
	Max. Data Storage	> 10,000 tests
	Display	10.1 inch Color LCD with 800x480 Resolution
	Input	Touch Screen / External Keyboard
Measurement	Light Source	LED (guaranteed life time of 10,000 hours)
	Sensor	CCD
	Repeatability (CV)	< 1%
	Measurement Time	< 1 min
Interface	USB	4 Ports
	Ethernet	1 Port
	Wi-Fi	Optional
	Printer	Internal Thermal Printer External Local & Network Printer (Option)
	Barcode	Internal / External Barcode Scanner
	LIS Support	Yes (HL7 protocol is optional)
Others	Op. Temperature	15 ~35 (°C)
	Power Consumption	15 W, 110-220 V
	Dimension	300 x 210 x 190 (mm³)
	Weight	1.9 kg



شرکت نانومهرنماینده انحصاری در ایران

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