MEDCAPTAIN

Haema TX
Fully Automatic Haemostasis Analyzer

Leading thromboelastography into an era of full automation

- Fully automated, original tube can be loaded
- Innovational laser detection method ensures accurate results
- Up to 30 samples can be loaded once, supports 50 minutes work-away
- High throughput, 12 independent channels
- Intelligent reagent management, 10 refrigerated reagent positions, including 4 automatic mixing positions
- Easy to use with large touchscreen, LIS connection, etc.

Principle	Thromboelastography (viscosity measurement)
Detection Technology	Laser detection technology
Sample Position	30
Reaction Cup Position	60, supports adding at any time
Reagent Position	10, including 4 automatic mixing positions
Test Channel	12
On-board reagent storage	24 hours on-board refrigeration
Temperature Control Range	Working temperature + 2℃ to 42℃
Temperature Accuracy	Preset value ± 0.3℃
Temperature Fluctuation	Preset value + 0.15℃
Display	12.1-inch touchscreen
Printer	External printer optional
Barcode Scanning	Internal scanner, support auto-scan of reagents and patients info
Interface	4 USB, RJ-45
Networking	Both wired and wireless networking are available
LIS/HIS Connection	Through HL7
Dimension	645 mm*640 mm*635 mm, 68 kg
Operation Condition	Temperature: 15-30℃ Humidity: 10%-85% RH Atmospheric pressure: 57.0-106.0 kPa
Store and Shipping Condition	Temperature: -20-55℃ Humidity: 10%-93% RH Atmospheric pressure: 22.0-107.4 kPa
Power Supply	AC 100-240 V, 50/60 Hz

Comprehensive test menu

Full name	Software display	Usage
Kaolin Activation Reagent	**Kaolin**	Used to test the blood coagulation function of a patient. This test evaluates the function of a patient' s blood coagulation system to assist in judging the risk of thrombosis or bleeding and to guide blood component transfusion and use of blood coagulation-related drugs.
Rapid Kaolin Reagent	**R-Kaolin**	Used to evaluate the overall coagulation profile of a patient' s blood. Parameters ACT, R, K, Angle, and MA are measured to evaluate the formation time, formation rate, and strength of blood clot.
Heparin Assay	**HEP**	Used to assist in evaluating the therapeutic effects of heparin drugs (whether excessive drugs are infused, whether any residual heparin exists, and whether heparin resistance exists) in clinical activities (for example, cardiac catheter inspection, extracorporeal circulation, and hematodialysis), operation.
Functional Fibrinogen Assay	**FIB**	Used to measure the content of functional fibrinogen (active fibrinogen that can be converted into cross-linked fibrin) in a patient' s whole blood sample. Generally, this test aims to judge the tendency of bleeding or thrombosis for a patient during or after a cardiovascular surgery, liver transplant, trauma surgery, or cardiac surgery and to instruct blood component transfusion.
Thromboelastographic Platelet Assay (AA/ADP)	**AA+ADP**	Used to evaluate the platelet function of the patient who has taken such platelet inhibitor drugs as clopidogrel, abciximab, Tirofiban, aspirin, or eptifibatide.
Thromboelastography control	**Control I&II**	To be used to monitor the operating status of thromboelastography instruments.

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EN-Haema TX Datasheet -2P-Datasheet 1.3

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