

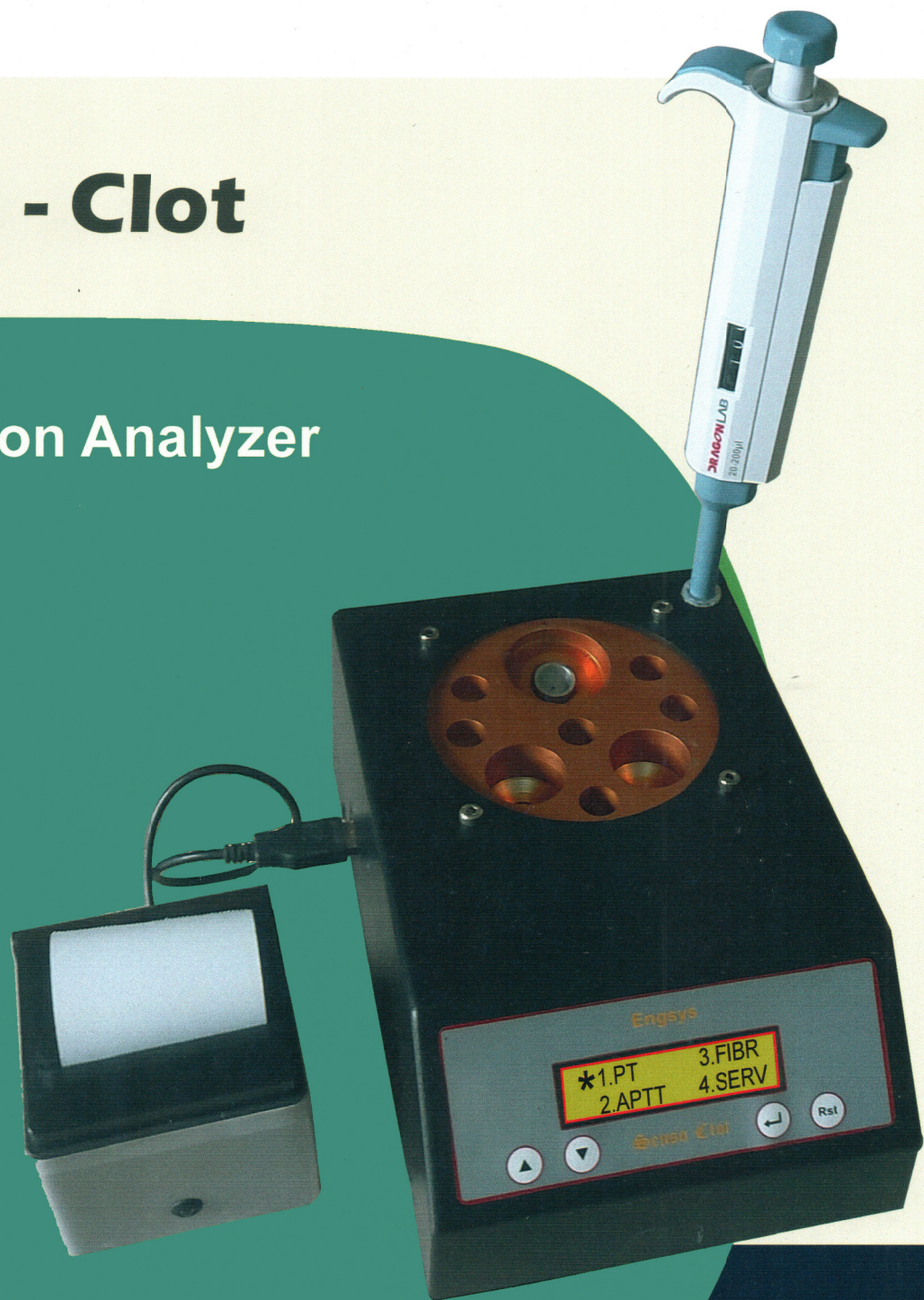


MEDISYS

Inspiring Precision. Empowering Diagnosis

SENSO - Clot

Coagulation Analyzer



- Robust and reliable Diagnostic Solution
- Consistent Performance and Easy Operations

Our **Success** is measured by
the **Smiles** of our customers

A made in India Product

Technical Specifications

Methodology

- SDC- Clot is a semi automated coagulation analyzer where magnetically charged (Coded) stirrer ball based mechanical system is used. Testing of samples could be triggered either through auto pipette or keypad.

Measuring Block

- The SDC-CLOT has a single channel measurement unit with six positions of Sample incubation and two position of Reagent incubation. The entire block heating is controlled by microcontroller which maintain its temperature at $37^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$

Tests can perform

- Prothrombin times (PT)
- Activated partial thromboplastin times (APTT)
- Fibrinogen
- Cardiolipin
- Any clotting based assay, which has fibrin formation as its endpoint may be performed

Dimension

- 21 cm X 14 cm X 8.5 cm (L x W x H)

Weight

- 1.5 Kg

Display

- LCD Double Line with 16 Characters

Keypad

- Long Lasting Membrane Keypad

Power Supply

- Voltage : AC 220 Volt \pm 15 Volt
Frequency : 50 Hz \pm 3 Hz

Working Condition

- Temperature : $15^{\circ}\text{C} - 35^{\circ}\text{C}$
Humidity : $<90\%$

Senso-Clot is based on magnetic field sensing principle. Dedicated design of inclined Cuvette position and applied gravit, holds the coded ball at centre while testing. Whenever clot forms, fibers of the clot pull the magnetic coded ball and place it before the sensor and the same time a pulse forms which send information to the controller about clot formation. Simultaneously controller stops its timer and displays the results after processing.

