

TOP CHECK 1

Overview :

TOP CHECK 1 is a semi-automated photo-optical coagulation system, designed to perform clotting chromogenic and immunoturbidimetric assays using plasma, with auto-start function and maintenance free design.

Detection principle :

- Photo-optical high sensitivity compact system.
- Single channel optics utilizing long life LED.(>50,000h)
- Suitable for icteric and lipaemic samples.
- Auto-start triggered by reagent or sample addition.

Measurement methods :

1- PT 2- aPTT 3- TT 4- FIB 5- FAC

Results and calculations :

1- Time. 2- Activity. 3- INR.

4- Normalized ratio. 5- Concentration.

- Result conversion: Seconds, INR, %, Ratio, Units (mg/dL, g/L, ng/mL)
- 5 points PT adjustable curve.
- 3 points adjustable curves for FIB and FAC tests.

Incubation and Sample volume :

- 6 sample incubation positions.
- 2 reagent / tube incubation positions.
- 75 μ L (25+50) minimum test volume.

Main features :

- Real time reaction acceleration measurement and calculation algorithm used in clotting detection.
- User friendly software (easy and straightforward) making user takes few minutes first use training.
- Autosense optics allows true results without negative interferences from icteric or lipaemic samples.
- Easy to maintain and clean, guaranteeing almost zero service requirements and a long product life with optional and cost free updates.
- Micro volume testing for excellent reagent savings and a low cost per test.
- Uses wide input range power supply.
(100-240 VAC, 50-60 Hz, Output: 12 VDC, 2 A)



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Assembled in Egypt by **TOP TEC**

Exclusive distributor



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