



- Low Reagent Volume
- Open System
- Auto Cuvette Detection
- Auto Start Function
- Sample Incubation Beeper



TECHNICAL SPECIFICATION

Principle

Turbodensitometric with automated start function.
Opto-mechanical principle with automatic zero adjustment
and magnetic stir bar for homogenizing of the test
suspension and increased sensitivity.

Measuring Unit

Single channel measuring with magnetic mixer motor.
Measuring block heated, controlled at 37.4°C +/- 0.3°C.
Single reagent position with stirring function.
4 cuvette positions.

Tests (installed)

PT
aPTT
Fibrinogen
Thrombin Time
Single Factors

Test Volume

Micro Cuvette Min. 150µl - max. 300µl.
7 pre-programmed test positions.
Automated calculation of seconds, INR, %, g/l, mg/dl, Ratio.
Calibration-/ reference curves editable up to 9 meas. points.
Automated cuvette detection.
Double or single determinations.

Display

LCD Single line with 8 characters.
Alphanumeric membrane keypad.

Power supply

AC 100V-240V, 47-63Hz, 260mA
Output: 12VDC 800mA

Weight

0.7 kg

Dimensions

190 x 130 x 60 mm (WxDxH)

Options

External Printer

ISO 9001:2015

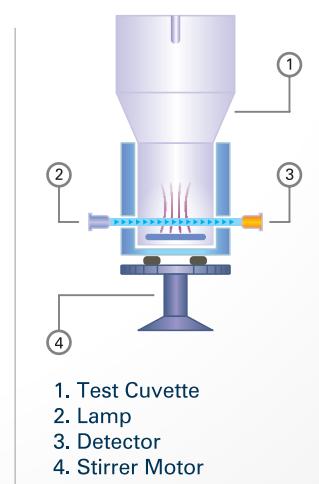
EN ISO 13485:2016



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MEASURING METHOD

The analyser operates according to the opto-mechanical measuring principle. This measuring principle is especially suited for lipemic and/or icteric colored samples as well as reagents with kaolin. A light beam passes through the cuvette containing the test plasma onto a photo detector. Any change in the intensity of the transmitted light, that is light increase or decrease, is converted into an electric signal. Hence, even the most unstable clot can be detected. The period from adding the start reagent until clot formation is measured. It then can be converted into the appropriate units



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