

TECHNICAL DATA

Analyzer

Display capacitive touch sensitive

Measurement system

Wavelength of LED

Cuvette

Positions (prewarmed)

Reaction volumes

TFT 4.3" 480x272

2 and 4 independent measurement channels

405 nm

Individual cuvette for optical detection

Up to 5 reagent positions at 36.5 – 37.5 °C

Up to 22 cuvette positions at 36.5 – 37.5°C

Minimum total volume is 75 µl

Power supply

Nominal Input Voltage

Maximal Input

Output Power

Battery (mainboard)

Power consumption

100 – 240VAC, 47-63Hz

Current 0.7A rms

5V DC, 3.3A

Lithium CR2032 3V

Max. = 14W sleep < 0.5W

Dimensions

Size (W x D x H)

Weight

225 x 150 x 90 mm

1.04 kg (without power supply)

Ambient conditions

Operating Temperature

Not allowed

15°C to 30 °C

Vibrations, direct sun light and direct exposure to air condition.

Noise output

Operating noise

Max. 50 dBA

Interfaces

RS232 (Barcode)

Sub-D9, female; 9600 Baud/8/1/N; Pin-9 powered with 5V DC. For external handheld barcode scanner, serial printers

Sub-D9 female; 9600 Baud/8/1/N; For serial printers

Type-B, female, 115200 Baud/8/1/N

Type-B, female, 115200 Baud/8/1/N; For LIS communication

Typical performance data

Test CV

Range

PT <3%

0-30 INR

APTT <3%

15 – 420s

FIB <7%

50-999mg/dL



Ozoclot Multi Channel Series

State-of-the-art Photo Optical Coagulation Analyzers



New generation of Coagulation analyzers with latest clot detection technology

Can do 2/4 tests simultaneously

Low reagent and sample volume required

LED Technology

Easy to use touchscreen

Maintenance free instrument



Medsource Ozone Biomedicals Pvt. Ltd.

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Made in Germany



Made for India





Ozoclot Duo

2 channel coagulation analyzer

Features:

- Easy to use touchscreen
- Automatic optical start
- 2 & 4 tests can be done at a time
- Double determination of sample
- 2 USB ports for service support and LIS connectivity
- 2 serial ports for printer connectivity and barcode reader
- Special printers available
- Internal storage of about 200 patient results
- Reaction volume required is 75ul
- All parameters are preset



Ozoclot Quattro

4 channel coagulation analyzer

- Photo optical clot detection method
- 20 sample incubation positions
- 3 reagent incubation positions
- 1 position for reagent stirrer
- 2 extra incubation slots (reagent/sample)
- Single use cuvettes for high accuracy
- Results in INR
- No stirrers/bars required for testing
- No moving parts for detection
- Best quality cuvettes having unique design

Compatible with:

Global Clotting Assays
PT, APTT, FIB, TT

Specific Clotting Assays
Factor – II, V, VII, VIII, IX, X, XI, XII

Chromogenic Assays
AT, PC

Latex Based Assays
D- Dimer

Other Clotting Assays
anti IIa, anti Xa, HEP, LMH,
APIX, RIVX, EDOX, DABI

Our Range of Coagulation Reagents – OZOSTAT

- Ready to use reagents providing highest sensitivity
- Compatible with other analyzers
- Convenient pack sizes
- Cost effective
- Compatible tri level controls available

Ozostat PT

- Liquid stable reagent
- High stability
- Low ISI value providing high sensitivity



Ozostat aPTT

- High quality reagent
- Kit includes both aPTT and CaCl2 reagent



Upcoming parameters:

- D – Dimer ■ Fibrinogen ■ Antithrombin