

HORIBA
Medical



Yumizen
G800

Companion of Hemostasis Solution

Enhance accuracy of Hemostasis Testing with **Yumizen G800** analyzer



Yumizen
G800

Yumizen G800 is fully automated Hemostasis analyzer designed to demonstrate accuracy, user friendly interface and easy to use operation. The system is based on optical measurement principle with dynamic checks allowing simultaneous measurement of different parameters with faster turn around time making it reliable for hemostasis testing in laboratory.

**Smart space
saving design**

**Automatic
Calibration
management**

Efficient

User Friendly

Smart way to test

4 independent measuring channels

14 cooled + 4 reagent embedded positions

60 sample + 5 STAT sample positions with simultaneous measurement

Dedicated probe for reagent and sample aspiration



Dedicated Probe for
Sample & Reagent



Refrigerated reagent
Position



Rack based
Sample Loading

Excel capabilities of Hemostasis Testing with Yumizen G range

High Throughput:

150 PT/ hour, 70 APTT/ hour,
40 D Dimer/ hour

Automatic Cuvette Loading:

12 incubation position with automatic
filling Cuvette changer capacity up
to 500 cuvettes



Smart Cuvette utilization:

1 Cuvette 1 test Concept

Effective utilization of Reagents

Low dead volume (angled position)
Barcode identification using barcode
reader of system

◆ Nephelometry

The nephelometry is based on the measurement of the light scattered by the clotting assay. It is performed at 640 nm. The test which can be performed are PT, APTT, FIB, TT, Factor tests (II, V, VII, VIII, IX, X, XI, XII), PS, LA.

◆ Immunological Assay

Immunological assay are performed on turbidimetry Method. It is based on the measurement of the lost intensity due to the light absorption. It is measured at 570 nm. There are 2 channels available to perform D-Dimer in Yumizen G800.

◆ Chromogenic Assay

Chromogenic assay are performed on colorimetry method The colorimetry is based on the measurement of the light intensity passing through the colored reaction. It is measured at 405 nm. There are 3 channels to perform AT, PC, APC, APC-R.



Yumizen G800

Analyzer:

Fully automated coagulation analyzer with random access

Dimensions & Weight:

Width : 850 mm, Height : 510 mm

Depth : 750 mm, Weight : 80 kg

Throughput:

PT : 150 / hour

APTT : 70 / hour

D Dimer : 40 / hour

Operating Temperature:

15°C-32°C

Power:

100-240v 50Hz-60Hz, 5A

Export:

6 x USB plug

Connection:

LIS: RS232 port

Mono or Bidirectional (ASTM Protocol)

Screen:

Color LCD touch screen 17"

Data Storage:

1000 results

Parameters:

Screening tests (PT, APTT, Fibrinogen, TT)

Factors (II, V, VII, X, VIII, IX, XI, XII)

D-Dimer, ATIII, Lupus Anticoagulant

Principle of detection:

Clotting tests : 640 nm

Turbidimetric test : 570 nm

Chromogenic test : 405 nm

Detection Channel: Four

Unit of measurement: Second, %, INR, µg, FEU/ ml, g/L

Sample: STAT, patient sample, control

Sample volume: 5-200µl

Calibration: Auto calibration

Analysis Mode: Routine, Rerun, Redilution

Quality Control:

2 level of Quality control with LJ Graph

Norms:

EN 61326-2-6 : 2006

IEC 61010-1 : 2001

IEC 61010-2-101 : 2002

EN ISO 13485 : 2003 and 2012

NF EN ISO 14971 - 2013

Directives:

98/79/EC (DIV)

2011/65/EU (RoHS)

1907/2006 (REACH)

2014/30/EU (Electro Magnetic Compatibility)

2014/35/EU (Voltage limits)



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