

C-1 coagulation analyser

helena
Biosciences Europe

Single-channel, micro-volume

The Helena Biosciences C-1 coagulation analyser offers a complete, simple and cost effective haemostasis solution. Delivering a single photo-optical measuring channel with incubated sample and reagent positions, the Helena Biosciences C-1 provides both routine clotting *and* specialised chromogenic and immunoturbidimetric testing of patient plasma samples.

Helena Biosciences' optimised technology ensures the minimum requirement for patient sample *and* reagents, dramatically reducing the cost per test. Stir-bar and ball-free reaction vessels are supplied as single micro-cuvettes for fast and effective sample handling.

Housed in a compact and modern casing, our instrument is very simple to use and fully supported by an optional, intuitive and user-friendly database management system. The Helena Biosciences C-1, combined with superior quality Helena-manufactured haemostasis reagents, reliably generates swift results with unrivalled accuracy and precision.



Instrument Specifications:

Measurement System:

1 Independent Measurement Channel (LED 405nm)

Assay Technology:

Clotting, Chromogenic, Immunoturbidimetric

Incubation Block:

6 Sample Incubation positions; 2 Reagent Incubation positions; 1 Incubated Measuring channel

Reaction Volume:

Minimum 75µl, Maximum 500µl

Calibration:

Calibration curve editable with up to 3 calibration curve points for each test method.

Result Output:

Optional: Secs INR, %, ng/ml, mg/dL, g/L

Pre-Programmed Tests:

PT (+/- derived); APTT; Fibrinogen; Thrombin Clotting Time; Extrinsic Factor Deficiency (II, V, VII, X); Intrinsic Factor Deficiency (VIII, IX, XI, XII); Protein C; Protein S; Antithrombin (ATIII); Quantitative D dimer

Languages:

English; German; French; Spanish; Italian; Portuguese

Dimensions and weight:

130mm (W) × 245mm (D) × 60mm (H)

Weight: 0.51 Kg

Power Supply:

Input: 94 – 264V

Frequency: 50 Hz

Output power: 40 Watts

Operating Conditions:

Temperature: 18°C to 25°C (avoid direct sunlight)

Humidity: <80% R.H.

Data Management:

Liquid Crystal Display (2 lines × 16 characters)

Keyboard: 3 × 3 Matrix Foil. Test, Function and Numerical Keys

1 × RS232 Interface (External Printer or PC for TECAM Smart Database management software).

Optional extras:

Thermal printer

Starter Pack contents:

Cat. No.	Product Description	Quantity
C-1	Helena C-1, 1 channel coagulation analyser with starter set	1
	C-1 Universal power supply (EU, UK)	1
	Single cuvettes	25 pcs
	Reagent container	5 pcs
	Reagent adapter ø11mm	2
	Printer Cable	1
	Operation manual	1 pc
	Warranty card	1 Pc

Consumables:

Cat. No.	Product Description	Quantity
C-101	Single Cuvettes	250
C-104	Reagent Container ø11mm	100
C-05	Reagent Adapter ø11mm	1

Optional Accessories:

Cat. No.	Product Description	Quantity
C-02	TECAM SMART SOFTWARE	1
C-01:	Thermal Printer	1
C-04:	Thermal Paper	5 pcs



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