

C-2 Dual-channel coagulometer

helena
Biosciences Europe

Operator's Manual

Operation Manual for **Helena C-2** Software: C11.15



For *In-Vitro* Diagnostic use



Instrumentation and reagents for human coagulation and haemostasis

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2.3. Technical data

Instrument:

Boards	SMD (Small Mounted Devices) based
Microprocessor	NEC V25
Flash-EPROM	128 KByte
RAM	128 KByte
EEPROM	2 KByte
AD-Converter	18 Bit (16 bit used)
Optics	2 LED's ultra bright, pulse modulation control
RS 232	9600 Bauds, 8 Data, 1 Stop, no parity

Power Supply:

External	42W max.
Input voltages	96 Vac to 243 Vac / 50 to 60 Hz
Output voltages	+5Vdc/3A; +15Vdc/2A; -15Vdc/0,5A
Approvals	TÜV, CSA, UL, CE, IEC950, IEC380

Keyboard:

3x8 matrix, foil keyboard, with Test, Function and numerical keys

Display:

4 lines x 20 characters Liquid Crystal Display

Incubation block:

6x2 double-cuvette prewarming positions, 2 measuring and 3 reagent positions

Autopipette (optional):

25 / 50 / 100 / 200 µL volume with electronic triggered start

Dimensions:

Depth: 230mm
Width: 200mm
Height: 115mm

2.4. Declaration of Conformity

EC Declaration of Conformity
Déclaration de conformité CE
EG-Konformitätserklärung



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herewith declares that: / *déclare ci-après que:* / erklärt hiermit dass:

Instrument type / *Type d'appareil* / Gerätemodell

Helena C-2

REF

C-2

- is in conformity with the provisions of the Directive 98/79/EC on in vitro diagnostic medical devices, and the Directive 80/181/EEC
- *est conforme aux dispositions de la Directive 98/79/CE relative aux dispositifs médicaux de diagnostic in vitro, et de la Directive 80/181CEE*
- konform ist mit den Bestimmungen der Richtlinie 98/79/EG über In-vitro-Diagnostika und der Richtlinie 80/181/EWG

and furthermore declares that: / *et déclare par ailleurs que:* / und erklärt ausserdem dass:

- the standards EN 60601-1, EN 60601-1-2, DIN EN ISO 14971:3/2001, DIN EN 1041:4/98 have been applied.
- *les normes EN 60601-1, EN 60601-1-2, DIN EN ISO 14971:3/2001, DIN EN 1041:4/98 ont été appliquées.*
- die Normen EN 60601-1, EN 60601-1-2, DIN EN ISO 14971:3/2001, DIN EN 1041:4/98 angewendet wurden.

This certificate is valid for all instrument produced of this type.
Ce certificat est valable pour tous les appareils produits de ce type.
Dieses Zertifikat ist für alle produzierten Geräte dieses Modells gültig.