

Coagulometer



hiClot is a small, low cost single beam coagulometer which uses a photometric technique to deliver the main coagulation parameters. PT, PTT, TT and FIB.

A differential photometer reader monitors the clot formation: no mechanical or hydraulic mechanism is used thus low cost plastic cups and common pipettes can be used.

The instrument performs and stores non linear calibrations and delivers the assay results both in time and computed values namely Ratio, INR, activity and concentration where applicable.

- Microprocessor based system
- Alphanumeric display
- Incubator at $37^{\circ}\text{C} \pm 0.1^{\circ}\text{C}$
- 12 sample wells
- 2 reagent wells
- High quality clot determination by means of differential photometry
- and peculiar mathematical algorithms
- Built-in computer interface
- Bundled PC software to interact with the instrument (not mandatory for normal work)

hiClot

Technical features

Assays

- Protrombin time **PT**
time (sec), Ratio, INR, Activity (%)
- Partial prothrombin time **PTT**
time (sec), Ratio
- Thrombin time **TT**
time (sec), Ratio
- Fibrinogen **FIB**
time (sec), concentration (mg/dl)

Acquisition

- Source **Blue LED**
- Measurement **Silicon photodiode**
- Clot **Differential photometry**

Human interface

- Retro illuminated LCD display 16x2
- Simple menu with three buttons

PC connection (optional)

- Simple serial connection
- Windows software package that
prints the assay on a report
manages the assay archives
prints the clot signature

Supply

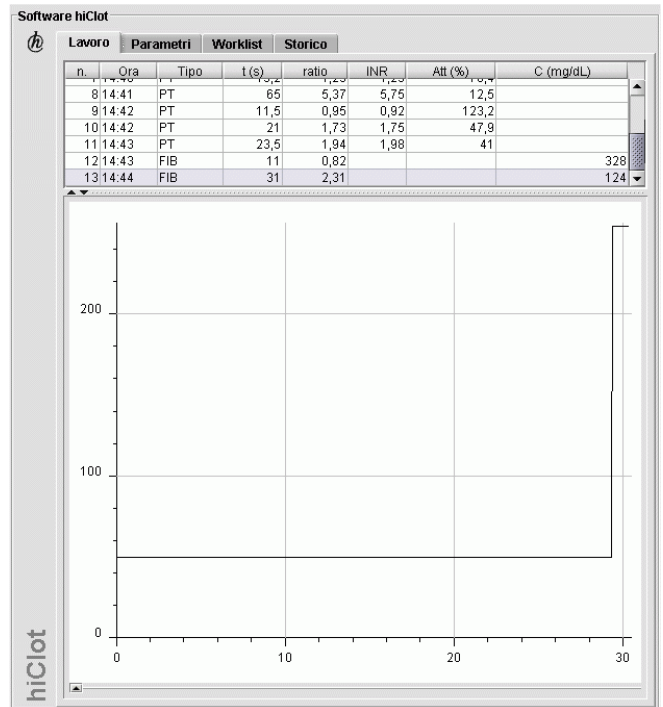
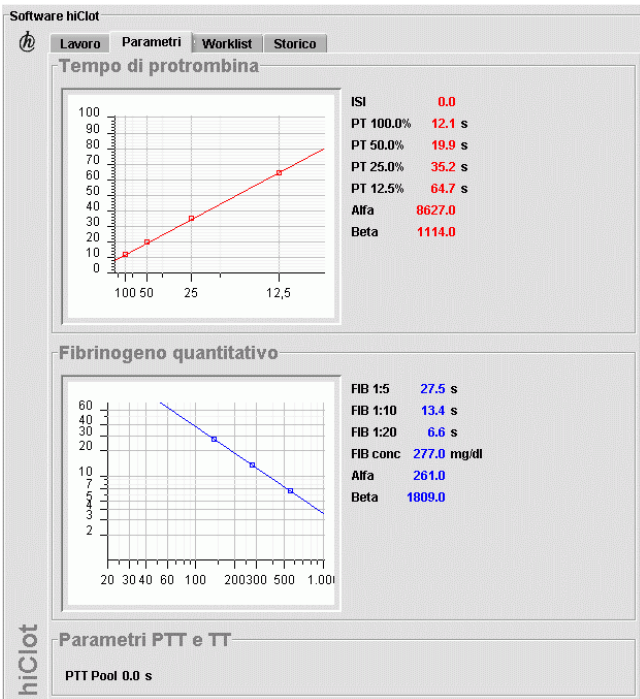
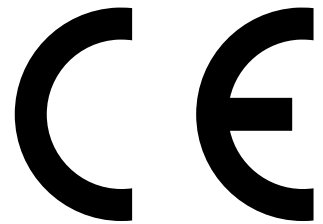
- Voltage **220VAC**
- Frequency **50Hz**
- Power **10W**

Dimensions

- height **cm**
- width **cm**
- depth **cm**
- weight **kg**

Conformity

- 89/336/CEE, 92/31/CEE, 93/68/CEE**
- 93/97/CEE, 73/23/CEE,**
- CEI EN 50082-1, CEI EN 50091-1**
- CEI EN 60335-1**



hiLab S.r.l.
via Piero Aloisi, 36
00158 ROMA
www.hilab.it

tel/fax **0039 06 4515004**
e.mail **asso@hilab.it**
web **www.hilab.it**



hiClot