

# Densitometer



**hiScan** is a powerful densitometer for electrophoresis based on a user friendly software and a powerful embedded computer. The film is placed on an extractable slider for maximum ease of usage and a three color light guides the operator eliminating any possible human error.

The software features a very friendly user interface and a huge number of printing options for maximum flexibility.

- Very friendly user interface
- Automatic fraction determination
- Manual insertion and deletion of fractions
- Baseline correction
- Textual comments on the pherogram
- Fractions in color
- On line help
- Pherograms filed by date and by demographic: ease of on line search
- Fast acquisition
- Micro and semimicro migrations. Other standards (Paragon™ etc) available on request.
- Automatic determination of the first fraction
- Total protein insertion
- High quality color reports
- Many report formats available
- Reports on adhesive labels
- Many printing option to fulfill any possible reporting need

*hiScan*

## Technical features

### Acquisition

#### Format

- 8 micro pherograms
- 4 semimicro pherograms

#### Sampling

- Automatic recognition of the starting point
- Digital sampling at 12 bit
- Only 15 seconds reading time for 8 samples

#### Optics

- Programmable intensity LED source
- Two silicon photodiodes for light measurement

#### Mechanics

- High reliability due to very few moving parts
- Stepper motor driven motion

#### Software

- Three programmable methods
- Patient demographics
- File by date or by patient demographics

#### Friendly Correction

- Automatic determination of the fractions
- Manual insertion or deletion of the fractions
- Programmable starting and ending point
- Spurious fraction elimination
- Manual and automatic baseline correction
- Textual comments on the pherograms

### Reports

- 3D pherograms
- Pherograms fractions in color
- Fraction values in percentage and/or in concentration
- Pathological results in color
- Printable tech reports ease the phone assistance
- 1,2,4 or 8 reports per page. Stiker supported.

### Hardware

- Embedded Pentium™ computer
- 15 inch high resolution CRT display
- Color ink jet printer

### Supply

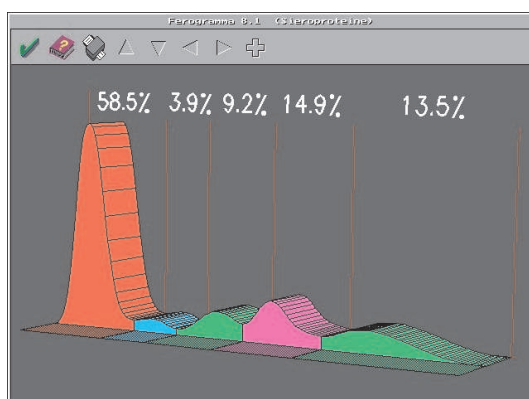
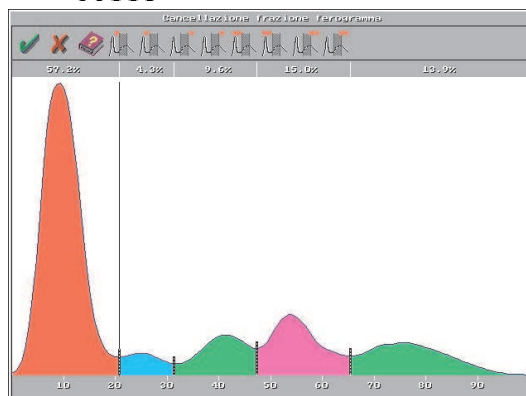
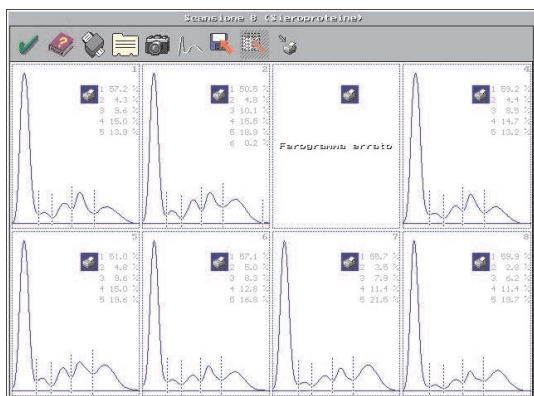
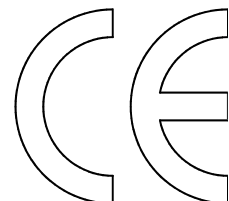
- Voltage 220VAC
- Frequency 50Hz
- Power 100W

### Dimension (mainframe)

- Height 27 cm
- Width 35 cm
- Depth 31 cm
- Weight 6 Kg

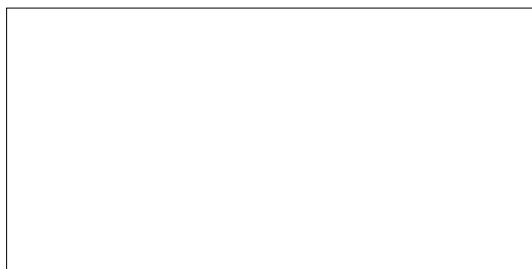
### Conformity

- 89/336/CEE, 92/31/CEE, 93/68/CEE,
- 93/97/CEE, 73/23/CEE,
- CEI EN 50082-1, CEI EN 50081-1, CEI EN 60335-1



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