

HumaLyzer 3500

Semi-Automatic
Microprocessor Controlled Photometer

NEW ELECTRONICS
NEW FUNCTIONS

CLINICAL CHEMISTRY



Human

Diagnostics Worldwide

HumaLyzer 3500

Electronic Boards Redesigned in 2012

- > Improved signal processing
- > Easier adjustment
- > New functions (reagent integrity check, reagents with neg. abs.)

Designed to Fulfill Demands

- > Compact, cutting-edge design
- > Sophisticated on-board software

Features

Pre-programmed for HUMAN reagents

- > Enzymes, substrates, electrolytes, immunoturbidimetry
- > Open channels for user-defined methods
- > Performs absorbance, end-point, kinetics, fixed-time, multistandard, bichromatic assays
- > Each test handles 3 different QC levels
- > QC statistics module: Levey-Jennings, Westgard
- > Touch screen with integrated LCD display
- > Multilingual:
English, Russian, Spanish, French, German, Portuguese
- > Flow cell and cuvette mode
- > Built-in eight-position incubator, round and square cuvettes
- > Internal pre-adjusted peltier element
- > Patient archive
- > Built-in thermal printer
- > Print reports: Batch, profile

Technical Data

HumaLyzer 3500

REF 16800

Graphic display	320 x 240 touch screen LCD
Result storage	1,000 tests
Method storage	200 programmable methods
Interface	PS/2 (external keyboard)
Light source	Halogen lamp (12 V, 20 W)
Photo detector	Silicon based (range 300 – 700 nm)
Standard wavelengths	8-positions: 340 nm, 405 nm, 505 nm, 546 nm, 578 nm, 630 nm; two free positions
Photometric range	0 – 2.5 O.D.
Flow cell system	32 µl flow cell with 10 mm light-path, interchangeable with disposable macro, semi-micro, or special optical-glass cuvettes
Temperature control	25 °C, 30 °C and 37 °C
Reagent volume	Min. 500 µl per test
Printer	Graphic, 24 characters per line
Dimensions	33 x 37 x 34 cm (instrument)
Net weight	8.3 kg
Power	110/230 V, 50/60 Hz

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