



- 150 PROGRAMMABLE TESTS MEMORY
- UNIQUE TRIPLE CUVETTE SYSTEM
- 10 ASSAY MODES
- REPEAT MEASUREMENT BY READ KEY
- EXTENSIVE Q.C. PROGRAM AND MEMORY FACILITY
- THREE DIFFERENT MEASURING TEMPERATURES
- COST EFFECTIVE OPERATION WITH MINIMAL MAINTENANCE

# CHEM-5v3

SEMI AUTOMATED CLINICAL  
CHEMISTRY ANALYSER

# TECHNICAL SPECIFICATIONS

**NO. OF TEST PARAMETERS:**

150, open user programmable

**ASSAY MODES:**

10 Assay modes : 1 point Linear, 2 point Linear, 1 point Non-Linear, 2 point Non-linear, Rate Linear, Rate Non-Linear, 1 point Sample Blank Linear, 1-Point Sample Blank Non-Linear, Absorbance and Coagulation

**PHOTOMETRIC RANGE:**

0-3.0 A. Photometric resolution upto 0.001

**MEASUREMENT MODES :**

Monochromatic/ Bichromatic

**FLOWCELL TEMPERATURE:**

25°C, 30°C, 37°C  $\pm$  0.1° C by Peltier control

**TYPE OF CUVETTES :**

Unique triple cuvette system (Flow cell, manual cuvette, round glass tube for Coagulation and Elisa tests)

**FLOW CELL VOLUME:**

33  $\mu$ L

**ASPIRATION VOLUME :**

350 - 999  $\mu$ L (user programmable) using peristaltic pump

**WAVELENGTHS:**

340, 405, 505, 546, 578, 630 nm

**DISPLAY:**

240 x 64 Graphic LCD display

**PRINTER :**

Inbuilt Thermal Printer

**INTERFACE PORT :**

USB B type port for host computer and USB A type port for External USB DeskJet Printer. External PC/ AT keyboard.

**MEMORY STORAGE:**

150 quality control and calibration curves and 1000 test results

**CALIBRATION CURVES:**

Cubic Spline, multi-point with graphical display

**DAILY QUALITY CONTROL**

Two levels of control / 5 assays each for all tests

**MONTHLY QUALITY CONTROL**

Two levels of control for each test for last 31 days, Levy - Jenning graph

**POWER SUPPLY:**

External 18V DC Universal SMPS Adaptor

**DIMENSIONS**

Approx 172 (h) X 445 (w) X 312 (d) mm

**WEIGHT**

Approx 5 kg

**Erba Lachema s.r.o.**

Karásek 2219/1d, 621 00 Brno, Czech Republic

Phone: +420 517 077 111

E-mail: sales@erbamannheim.com

www.erbamannheim.com

TOTAL SOLUTIONS FOR CLINICAL DIAGNOSTICS

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