

# Erba Chem 5v3<sup>®</sup>

## Clinical Chemistry Analyzer



- ✓ 150 open test programs
- ✓ Extensive Q.C. Program with L-J Graph
- ✓ Inbuilt Thermal Printer
- ✓ Dual Cuvette facility
- ✓ 1000 test Result Storage
- ✓ Universal Power Adaptor for ease of use

## Unique Features

- ★ 150 Open Programmable Test Memory.
- ★ 9 Assay Modes including Absorbance, Linear & Non-Linear Calculations for 1 Point, Rate A & 1 Point sample blank methods
- ★ Dual Cuvette Facility
- ★ Repeat measurement by Read key
- ★ Extensive Q.C Program and Memory facility.
- ★ Universal Power Adaptor for ease of use.

## Technical Specifications

|                                |   |                                                                                                                                                                                                       |
|--------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No of Test Parameters</b>   | : | 150, Open user programmable                                                                                                                                                                           |
| <b>Assay Modes</b>             | : | 9 Assay modes : 1 point Linear, 2 point Linear, 1 point Non Linear, 2 point Non-linear, Rate a Linear, Rate a Non-Linear, 1 point Sample Blank Linear, 1-Point Sample Blank Non-Linear and Absorbance |
| <b>Photometric Range</b>       | : | 0-2.5A. Photometric resolution upto 0.001                                                                                                                                                             |
| <b>Measurement Modes</b>       | : | Monochromatic / Bichromatic                                                                                                                                                                           |
| <b>Flowcell Temperature</b>    | : | 25° C, 30° C, 37° C by Peltier control                                                                                                                                                                |
| <b>Type of Cuvettes</b>        | : | Dual Cuvette (Flow cell and Polystyrene manual cuvette)                                                                                                                                               |
| <b>Flow cell volume</b>        | : | 33 ul                                                                                                                                                                                                 |
| <b>Aspiration volume</b>       | : | 350 - 999 ul (user programmable) using peristaltic pump                                                                                                                                               |
| <b>Wavelengths</b>             | : | 340, 405, 505, 546, 578, 630 nm                                                                                                                                                                       |
| <b>Display</b>                 | : | 240 x 64 Graphic LCD display                                                                                                                                                                          |
| <b>Printer</b>                 | : | Inbuilt Thermal Printer                                                                                                                                                                               |
| <b>Interface port</b>          | : | USB port for interface with PC. Additional USB port for external printer                                                                                                                              |
| <b>Memory Storage</b>          | : | 150 Q.C. curves and Calibration Curves and 1000 Test Results                                                                                                                                          |
| <b>Calibration Curves</b>      | : | Cubic Spline, Point to Point                                                                                                                                                                          |
| <b>Daily Quality Control</b>   | : | Two levels of control / 5 assays each for all tests                                                                                                                                                   |
| <b>Monthly Quality Control</b> | : | Two levels of control for each test for last 31 days, Levy - Jenning graph                                                                                                                            |
| <b>Power Supply</b>            | : | External 18VDC Universal SMPS Adaptor                                                                                                                                                                 |
| <b>Dimensions</b>              | : | Approx 172 (H) X 445 (W) X 312 (D) mm                                                                                                                                                                 |
| <b>Weight</b>                  | : | Approx 5 kg                                                                                                                                                                                           |

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