Technical specification:

Throughput
- Up to 200 tests per hour

Reaction system
90 special cuvettes
Length of cuvette : 6mm
Cuvette volume : 300µL
Reaction volume : 200µL to 500µL
Reaction time : 8-15 mins
Reaction temperature : 37 ± 0.5°C

Methodology
- Measuring principles : Absorbance, photometry, Turbidimetry, End-point, Two-point, Kinetic, Dual / reagent / chemistries / monochromatic bichromatic

Working Conditions
- Power supply : AC100-240, 50-60Hz
- 1 KVA
- Dimensions : 700mm (W) *650mm (L) *530mm (H)
- Net Weight : 55.4

Sample Arrangement
- 40 positions for sample, STAT, Calibrator, and QC
- Sample volume : 2-50µL, step by 0.1µL
- Compatible with primary collection tube, sample cup. etc

Operating configuration
- Operating system Windows 10 or XP
- Interface RS-232
- Memory Upto 200,000 patient data
- Temperature 10°C - 35°C Humidity upto 90% with no dew
- LIS - Bidirectional

Reagent arrangement
- 40 reagent positions for R1 and R2
- Volume range : 10-500µL, step by 0.1µL
- Reagent Probe : Liquid level detection, collision protection function
- On board cooling (2°C - 8°C)

Optical system
- 9 wavelengths : 300-700nm
- Tungsten halogen lamp
- Absorbance range : 0-4.00Abs
- Spectrophotometry; rear spectrophotometry

Laundry system
- Needles : 8 step washing sequence
- Water Consumption : Upto 4 l/hr

Optical system
- Independent mixing probe

*Specifications are subject to change without the prior notice of manufacturer.

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CE

Erma TOKYO SINCE 1908

Eraichem 2000

Fully Automatic Clinical Chemistry Analyzer

- Compact, Benchtop, Fully Automatic Random Access Clinical Chemistry Analyzer
- 200 Tests per hour
- Smart system with user friendly programming
- High end washing sequence to eliminate errors in reporting

Clinical Chemistry Analyzer

Sample /Reagent Probe:

- Integrated level and position sensors for the sample/reagent probe
- Switch Available for vertical and horizontal movement & detection of the position of probe movement.
- Material of the probe is stainless steel – Anti rust design
- Internal and external cleaning of the probe after sample and reagent aspiration – Removes chances of carryover and cross contamination

Stirrer Mechanism:

- Stirrer is useful for proper mixing which is major factor for accurate results
- Teflon coating leads to hydrophobic nature and helps to avoid carryover

Laundry system :

- 8 step Washing unit

There are 14 washing needles:

- 5 Needle sets for efficient water dispensing and aspiration
- 1 set of needle for washing of cuvettes with detergent
- Complete cleaning and drying with 2 long needles and Wiper

Reaction tray:

- 6 reaction holders to load total 90 reaction cuvettes , each holder has 15 cuvettes
- Long cuvette life
- It can be replaced individually

Intellectual software:

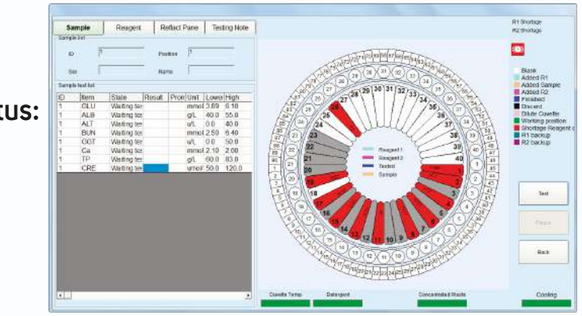
- Automatic washing cuvette when start up & shut down the instrument
- Test order setting to avoid carry over
- Automatic detection of reagent volume during every startup of the instrument
- Displays the reagent ,cuvettes and room temperature during testing.

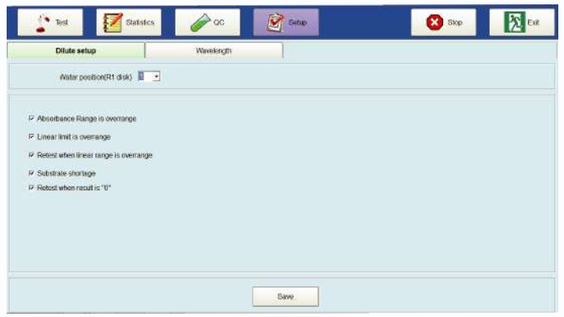
Optimum Calibration Cuvette

- Automatic Cuvette blank testing
- Automatic wash for selected cuvette
- Online monitoring of cuvette quality

Dynamic and real- time display of running status:

- Real time online status of sample tray,reagent tray and cuvettes
- Monitoring residual volume of reagents





Automatic dilute and retest

Automatic dilute and retest when :

1. Absorbance range is overrange
2. Linearity limit is crossed
3. Substrate depletion

Freely set the auto dilute ratio and water position