

# Chem 100 **NEW**

## SEMI-AUTOMATIC BIOCHEMISTRY ANALYZER TOUCH SCREEN



- **PHOTOMETRIC SYSTEM**

Light source: 6v 10w long-life halogen lamp  
Filters: 340, 405, 492, 510, 546, 578, 620 nm;  
±2 nm pass-band

- **THERMOSTATIC CONTROL:**

Flow cell temperature: 25, 30, 37° c,  
peltier elements  
Precision: ± 0.1° C

- **MEASURING SYSTEM:**

Measuring range: 0-3.000 O.D.  
Photometric linearity: 0.2A~0.5±5%,  
0.5A~1.0A±4%, 1.0A~1.5A±2%  
Photometric accuracy: ±1% from 0 to 3.000  
O.D.

- **READING CUVETTE:**

32 MI quartz glass flow trough cell  
400 MI microcuvette  
1000 MI microcuvette



## CHEMICAL CHEMISTRY

|                         |                           |                 |                                   |
|-------------------------|---------------------------|-----------------|-----------------------------------|
| Albumin LR              | Cholesterol mono LR       | Glucose LR      | Sodium LR                         |
| Alkaline phosphatase LR | Hdl direct cholesterol LR | Glucose mono LR | Total Bilirubin LR                |
| ALT-GPT LR              | Ldl direct cholesterol LR | HbA1c           | Total Protein LR                  |
| AST-GPT LR              | Cholinesterase LR         | Homocysteine    | Triglycerides LR                  |
| Amylase LR              | Dibucaine LR              | Iron LR         | Triglycerides monorea-<br>gent LR |
| Bicarbonate-CO2         | CK-MB                     | LDH LR          | Urea UV LR                        |
| Bile Acid               | CK-NAC LR                 | Lactate         | Uric Acid LR                      |
| Calcium arsenazo LR     | Creatinine LR             | Lipase LR       | Uric Acid mono LR                 |
| Calcium CPC LR          | Copper LR                 | Lithium LR      | Urinary proteins LR               |
| Free Calcium LR         | Direct Bilirubin LR       | Magnesium LR    | Zinc                              |
| Chloride LR             | Fructosamine LR           | Phosphorous LR  |                                   |
| Cholesterol LR          | Gamma gt LR               | Potassium LR    |                                   |

## TURBIDIMETRIC REAGENTS

|                |                       |                  |              |
|----------------|-----------------------|------------------|--------------|
| Aso turbilatex | IgG                   | Apo B            | LP (α)       |
| CRP turbilatex | IgM                   | Ferritin         | Haptoglobin  |
| Crp antiserum  | C3                    | Transferrin      | Kappa chain  |
| RF             | C4                    | β2 microglobulin | Lambda chain |
| IgA            | α1- Glycoprotein Acid | α1-Antitrypsin   | Microalbumin |
| IgE            | Apo A1                | Antithrombin III |              |

## DRUGS OF ABUSE

|                   |                       |                          |                      |
|-------------------|-----------------------|--------------------------|----------------------|
| Alcohol urine     | Barbiturates urine    | Cocaine metabolite urine | Opiates urine        |
| Amphetamine urine | Benzodiazepines urine | Methadone urine          | THC (cannabis) urine |

**Calibrators and controls for all methods.**

