



**Semi-automatic biochemistry analyzer
Touch screen**



Chem 100

Made in Italy





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GESAN PRODUCTION SRL

Made in Italy



SIZE (cm)

WEIGHT 8 kg

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: 37° C,
peltier elements
Precision: $\pm 0.1^\circ$ C

MEASURING SYSTEM:

Measuring range: 0 - 3.000 O.D.

Photometric linearity:

0.2A~0.5 \pm 5%, 0.5A~1.0A \pm 4%,
1.0A~1.5A \pm 2%

Photometric accuracy: $\pm 1\%$ from
0 to 3.000 O.D.

READING CUVETTE:

32 μ l quartz glass flow trough
cell

400 μ l microcuvette

1000 μ l microcuvette

CHEMICAL CHEMISTRY

Albumin LR

Alkaline phosphatase LR

ALT-GPT LR

AST-GPT LR

Amylase LR

Bicarbonate-CO2

Bile Acid

Calcium arsenazo LR

Calcium CPC LR

Free Calcium LR

Chloride LR

Cholesterol LR

Cholesterol mono LR

Hdl direct cholesterol LR

Ldl direct cholesterol LR

Cholinesterase LR

Dibucaine LR

CK-MB

CK-NAC LR

Creatinine LR

Copper LR

Direct Bilirubin LR

Gamma gt LR

Glucose LR

Glucose mono LR

HbA1c

Homocysteine

Iron LR

LDH LR

Lactate

Lipase LR

Lithium LR

Magnesium LR

Phosphorous LR

Potassium LR

Sodium LR

Total Bilirubin LR

Total Protein LR

Triglycerides LR

Triglycerides monoreagent LR

Urea UV LR

Uric Acid LR

Uric Acid mono LR

Urinary proteins LR

Zinc

TURBIDIMETRIC REAGENTS

Aso turbilatex

CRP turbilatex

Crp antiserum

RF

IgA

IgE

IgG

IgM

C3

C4

α 1- Glycoprotein Acid

Apo A1

Apo B

Ferritin

Transferrin

β 2 microglobulin

α 1-Antitrypsin

Antithrombin III

LP (α)

Haptoglobin

Kappa chain

Lambda chain

Microalbumin

DRUGS OF ABUSE

Alcohol urine

Amphetamine urine

Barbiturates urine

Benzodiazepines urine

Cocaine metabolite urine

Methadone urine

Opiates urine

THC (cannabis) urine

DIABETIC MARKERS

Glucose

GSP - Glycated Serum Protein

Fructosamine LR

HbA1c

**Calibrators and controls
for all methods.**