

**sclavo**  
diagnostics

# ChemiLab 100

Compact fully automated  
clinical chemistry analyzer

www.sclavodiagnosics.com

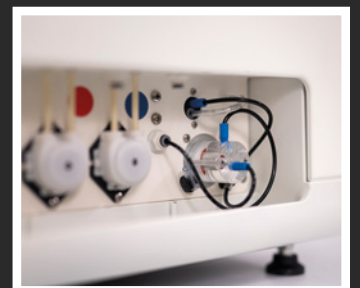


With a throughput up to 145 tests hour it is the ideal solution for dedicated panels or profiles of tests.

Wide range of validated pre-barcoded clinical chemistry and plasma and urinary proteins reagents available.

Monitoring of system's operations:  
Sample - Reagent - Reaction - Calibration - QC Status

- LIS - HIS connections
- QC - Levey-Jenning Graphics - Westgard rules
- Single and multipoint calibrations
- Pre- and post- automatic dilutions
- 20 refrigerated positions for reagents with removable tray.
- 10 sample positions.
- Continuous loading of samples.
- Automatic and programmable start-up of the system.



(Ref. B80551100)

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## Technical characteristics

- **Mode**  
Continuous loading,  
random access,  
STAT function
- **Throughput**  
Up to 145 tests per hour
- **Types of analysis**  
Endpoint, Bichromatic endpoint, Differential  
endpoint sample blank, Fixed time, Kinetic,  
Kinetic bichromatic
- **Samples**  
10 positions removable sample tray  
Sample volume: 2 – 300 µL
- **Reagents**  
20 position removable  
reagent tray with refrigeration  
Reagent volume: 5 – 350 µL
- **Reaction cuvettes**  
4 reaction segments of PMMA disposable  
cuvettes (total 96 cuvettes)  
Reaction volume: 300 – 700 µL
- **Optical system**  
1 halogen lamp with extended UV emission  
8 interference filters at 340, 405, 505, 546,  
578, 600, 650, 700 nm)  
Photometric range: 0 – 3 Abs  
Linearity: +/- 0,5% from 0,1 to 1,5 Abs

**Power supply** 220 – 240 or 110 – 120  
Vac50/60 Hz, less than 200 VA

**Dimensions** HxWxD = 40 cm x 38 cm x 60 cm

**Weight** 20 Kg

**Environment** 16 – 30°C, humidity < 80%  
non-condensing

(Ref. B80551100)



### Reagents

ACID GLYCOPROTEIN \* ACID PHOSPHATASE  
ALBUMIN \* ALKALINE PHOSPHATASE \* ALT-GPT  
AST-GOT \* AMYLASE \* APO A1 \* APO B \* ASO  
ANTITRYPSIN \* BILIRUBIN DIRECT / TOTAL  
C3 \* C4 \* CALCIUM \* CHOLESTEROL  
HDL DIRECT \* LDL DIRECT \* CK-NAK \* CK-MB  
CREATININE \* CERULOPLASMIN \* CHOLINESTERASE  
CHLORIDE \* CRP \* GLUCOSE \* GAMMA GT  
HBA1C \* HAPTOGLOBIN \* IRON \* IGA \* IGG \* IGM  
KAPPA CHAIN \* LAMBDA CHAIN \* LIPASE  
MAGNESIUM \* MACROGLOBULIN \* MICROGLOBULINS  
MICROALBUMIN \* LDH \* PHOSPHOROUS  
PREALBUMIN \* PANCREATIC AMYLASE \* RF  
TRANSFERRIN \* TOTAL PROTEIN \* TRYGLICERIDES  
UREA \* URIC ACID \* URINARY PROTEINS

