

ChemiLab 100

Compact fully automated
clinical chemistry analyser

(Ref. B80551100)

www.sclavodiagnostics.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.

- 20 refrigerated positions for reagents with removable tray.
- 10 sample positions.
- Continuous loading of samples.
- Automatic and programmable start-up of the system.
- Intuitive and informative user interface allow the continuous monitoring of the system's operations.
- Long walk-away capability.

DESIGNED AND MANUFACTURED IN ITALY

sclavo
diagnostics

ChemiLab 100

Technical characteristics

■ Mode

Continuous loading,
random access,
STAT function

■ Throughput

145 tests/hour for single reagent tests

■ 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 μ L

■ Reagents

20 positions removable reagent tray
Refrigeration up to 12°C below room
temperature
Reagent volume: 5 – 350 μ L

■ Reaction cuvettes

4 reaction segments of PMMA disposable
cuvettes (total 96 cuvettes)
Reaction volume: 300 – 700 μ L

■ 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

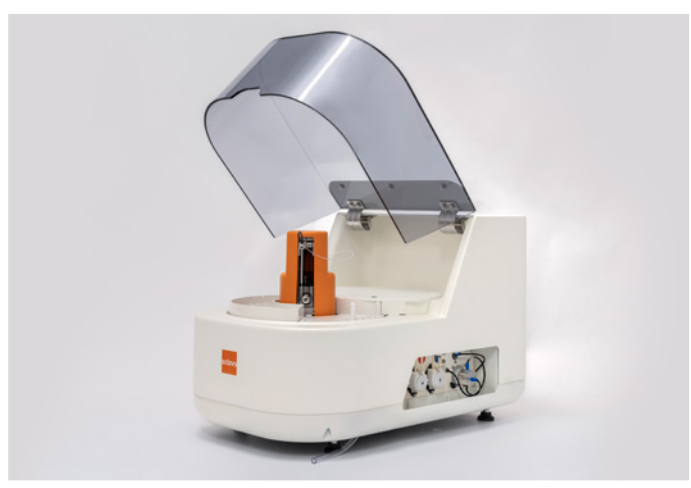
H x W x D = 40 cm x 38 cm x 60 cm

Weight

20 Kg

Environment

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



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