

ChemiLab 300

Compact fully automated
clinical chemistry analyser

(Ref. B80551300)

www.sclavodiagnostics.com



With a throughput up to 300 tests per hour
for enhanced productivity.

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

- 60 refrigerated positions for reagents with removable trays.
- 60 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.

sclavo
diagnostics

ChemiLab 300

Technical characteristics

■ Mode

Continuous loading,
random access,
STAT function

■ Throughput

Two sampling arms
300 tests/hour for single reagent tests
190 tests/hour for two-reagents tests

■ Types of analysis

Endpoint, Bichromatic endpoint, Differential
endpoint sample blank, Fixed time, Kinetic,
Kinetic bichromatic

■ Samples

60 positions removable sample tray
Sample volume: 2 – 300 µL

■ Reagents

2 x 30 positions removable reagent trays
Refrigeration up to 12°C below room
temperature
Reagent volume: 5 – 350 µL

■ Reaction cuvettes

80 reusable Bionex® cuvettes
Reaction volume: 210 – 350 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 Vac 50/60 Hz,
less than 200 VA

Dimensions

H x W x D = 49 cm x 62 cm x 85 cm

Weight

55 Kg

Environment

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



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