

Slim Plus



Quality Clinical Chemistry Photometer



Next Level s.r.l.

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Via di Prato, 74 50041
Calenzano (FI) **ITALIA**



Slim Plus

TECHNICAL SPECIFICATIONS

The new Clinical Chemistry photometer Slim+ is the fundamental instrument for any type of laboratory, ambulatory or hospital ward: it effects readings in end point, kinetic, fixed time and differential, in absorbance and concentration, with multistandard (from 1 to 9) or K factor.

The memory contains 199 methods with the possibility to program, for each method, the type of reaction, wavelength, temperature, reading unit, normal values, aspiration volume, incubation time and reading intervals.

Readings effected on 30 μ l flow through cells or single cuvette, 10x10 mm in mono and bichromatism.

The instrument is completed with a backlight LCD for the operator through the programming phases, a cuvette chamber for the thermostatic control of the samples, a touch pad alphanumerical keyboard, a reading chamber for sample reading and an incorporated graphical printer for the print out of data, calibration and kinetic curves.

Slim+ is the ideal open system for all types of clinical chemistry tests on sera, plasma and whole blood.



READING METHODS:

end point, kinetic, fixed time and differential with multistandard (from 1 to 9) or K Factor

OPTICAL SYSTEM:

Halogen Lamp 20 W
6interferential filters, 340, 405, 505, 546, 578, 630 nm, with an accuracy of ± 2 nm, band width of 8 nm and two free positions for optional filters
Solid state optical sensor
Photometric linearity from -0.3000 to 2.9999 O.D.
Photometric accuracy: $\pm 2\%$ at 0.700 O.D.

READING CELL:

30 μ l flow through cell
Minimum reading volume: 100 μ l
Automatic withdrawal and wash cycle by means of peristaltic pump
Temperature regulation from 20°C to 45°C with 1°C resolution, with Peltier effect element;
Possibility to directly read open macro and semi-micro cuvettes
9 wells for open cuvette incubation
All the photometer functions are managed by a FLASH memory microprocessor which can be up-dated through the serial output
199 programmable programs
Automatic print out of results
Print out of the calibration and kinetic curves

SOFTWARE:

Fitting types: linear, point to point and cubic
Pathological warnings
Functionality autodiagnosis

EXTERNAL SOFTWARE:

QC Program
Patients Archive

USER INTERFACE:

Functional alphanumerical keyboard
Alphanumerical backlight LCD with four, twenty character lines

The Company reserves the right to change any technical feature of the instrument at any time, if needed.



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