



DIAGNOSTIKO-555

Semiautomatic Biochemical Analyzer



The Diagnostiko-555 Analyzer is compact, features a 12-position thermal block and a 3.5" interactive capacitive touch screen LCD with color graphic capability.

The new version of our analyzer has a more robust housing, a faster processor, new iconography, i.e. an even more user-friendly interface, compact, self-contained spectrophotometer, streamlined design and a color touch screen that allows us to evaluate quality control charts and calibrations.

- ✓ Can be used in tube-to-tube mode or with suction cell (small sample volumes)
- ✓ Processes kinetic, multipoint and endpoint tests
- ✓ Capacity up to 140 tests with pre-programmed profiles and 54 tests in memory including coronary risk.
- ✓ 6 filters 340-630nm (up to 8 filters available)
- ✓ Saves up to 500 results

DX 555 CHEMISTRY ANALYZER	
Linear Measurement Range:	Tube or cuvette - 0.0 to 3.0 Absorbance units (A).
Photometric accuracy:	+/- (1% +/- 0.010) 0.0 to 1.5 ABS / +/- (2% +/- 0.010) 1.5 to 3.0 ABS
Stability:	Fluctuation of no more than 0.005A in 8 hours / biochromatic.
Light source:	Tungsten-Halogen lamp with auto shut-off function and lifetime protection.
Spectrophotometer:	Compact, self-contained, and aerodynamically designed.
Filter Type and Wavelength Range:	IAD hard layer interference. Six-position filter wheel, expandable to eight positions 10nm half bandpass. Bandwidth from 340 to 700 nm.
Tube Size:	12 mm round tube is standard.
Minimum Sample Volume:	Cell readout has capacity for square cuvettes.
	1 ml for 12mm round tube.
	250µL for flow cell.
Display	3.5 " (8cm) LCD capacitive touch screen, color graphic display, with new iconography
Built-in printer in the spectrophotometer:	Thermal dot matrix with graphic capability. Various print sizes (Small/Medium/Large). Printing can be stopped by selecting Cancel.
Food Requirements:	115V or 230V AC 1.5A 50-60Hz (universal input).
Interface	User friendly. USB

DX 555 CHEMISTRY ANALYZER	
Speed:	Reads, calculates and prints results, 3 seconds per tube.
Calculation modes:	Factor, Single-Standard, Point-to-Point, Regression, Cubic Spline
Test Menu:	140 Tests
	Stores all parameters including wavelengths, calculations, unit codes, linearity and defined ranges, time rate, standard values, test names and preset standard curve.
Temperature control:	User-selectable cell reading and incubation block, 25°C to 37°C.
Housing	ABS fire retardant paint, protective and plastic base.
Dimensions:	Approx. 9x13.5x5in. (24x34x13cm) weighs 10 lbs (4.5 kg).
Certifications:	CE, ETL listed, NRTL listed (USA/CA)
Special Features of the Soft- ware	Daily Levey-Jennings plot, reflecting low and high ranges for controls.
Updates to highlight:	The new firmware allows you to change languages without the need for alterations or updates, directly from the touch screen. It has a faster and more efficient processor. This allows to have an independent communication and interface with the printer, which does not block the equipment when printing. In addition, this new update allows us to import and export patient tests and controls via USB.

Recommended environmental conditions:

- ✓ Indoor use
- ✓ Main supply voltage: Fluctuations not exceeding $\pm 10\%$ of rated voltage.
- ✓ Operating humidity: Less than 80% is recommended.
- ✓ Storage temperature: 10 to 50°C

Customized features:

- ✓ Spanish
- ✓ 42 Preprogrammed test menu
- ✓ Home screen - 2 MM Diagnostiko 555
- ✓ Preprogrammed tests can be performed in tube mode or flow cell mode.

Accessories:

Thermal paper (please contact your distributor)

Halogen lamp	3	und
Fuses	4	und
Tubes 12 x 75mm	100	und
Thermal paper rolls	20	und
Reagent kit	1	kit
Voltage stabilizer	1	und