

Rito™ Microplate Reader

Complete
Solution for
ELISA & EIA
Tests

Reads
Microplate
Precisely

Automatic
ELISA Plate
Analyser



GB Rito™ is an automatic ELISA Plate Reader with user-friendly touch interface and software that be used for all routine immunoassays, biochemicals, hormones, and more.

The GB Rito™ is a uniquely designed microplate reader for assays in 96-well format. The GB Rito™ delivers precise and accurate results at an affordable price. It features a built-in result print-out and a USB connection external data transfer. Together with the software, the GB Rito™ is ideal for a variety of applications, extending from ELISA to protein and cell-based assays.

Physical Specification	
Dimensions (W x D x H)	405 x 380 x 280 mm
Weight	10 kg
Power Supply	
Input Power	115 – 230 Volts ± 10%, 50 – 60 Hz
System Specifications	
Display	TOUCH PANEL & KEYPAD, 7" Graphics Color Display
Connectivity	RS232 Serial Port and USB
Analysis Modes	Absorbance, Cut-off, Multi-standard % Absorbance, Single standard, Uptake, Ratio
Curve Plotting	Graphical representation on printer & display
Optical System	
Linear measurement range	0.000 to 3.500 absorbance units (A)
Photometric accuracy	± 1 % or 0.007 whichever is higher from 0 to 1.5 A ± 2 % from 1.5 A to 3.5 A
Resolution	0.001
Light source	Halogen
Filters	
Type of filter	High quality narrow band interference
Wavelength	405, 450, 492, 630 nm & two optional
Half bandwidth	< 10 nm
Memory	
Programs	250 tests
Results	9600 patient results
Printer	Built-in thermal 52 columns

- ✓ Accommodates different microplate geometries U, V & Flat.
- ✓ Reliable measurement results.
- ✓ Built-in shaker with variable speed & duration.
- ✓ Bichromatic readings.
- ✓ Built-in Matrix mode for result printing with External printer connectivity feature in Excel format.
- ✓ Extensive curve plotting with different options.

ORDERING INFORMATION:

Catalogue No.	Product
S00345	Rito™ Microplate Reader

Due to continuous development, specifications are subject to change without prior notice.



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