

GLOBAL DIAGNOSTICS B



MICRO READ 1000

ELISA Plate Analyser



Reads Micro Plates Precisely

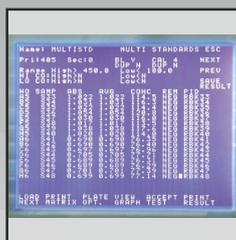
FEATURES

Built in printer
 Plate shaking facility with variable speed and duration
 Ability to read plate within seconds
 Digital light control with unique circuit for long lamp life
 Matrix mode for Result printing

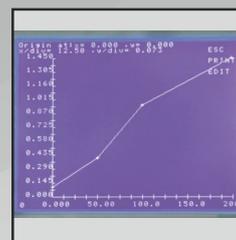
Intelligent cut off programme
 Storage of calibration curves
 Storage of Plate results
 Various Curve fit mode like : Linear, Point to Point and 4 parameter.
 Universal power supply



Printer



Display



Graph

TECHNICAL SPECIFICATIONS

Human Machine Interface	:	TOUCH PANEL / KEYPAD
Linear Measurement Range	:	0.000 to 3.000 Absorbance Units(A)
Photometric Accuracy	:	± 2% or 0.007 whichever is higher, from 0 to 1.5 A ± 3% from 1.5 A to 3.0 A
Drift	:	<0.005 A/hr
Optical Measurement	:	8 Channel
Filters		
Type of Filter	:	High Quality Narrow band Interference
Wave Length	:	405nm, 450nm, 492nm, 630 nm 560 nm & Three Optional
Half Bandwidth	:	10 nm ± 2nm
Selection	:	Automatic by Stepper Motor
Display	:	6" Graphics LCD, Negative Blue, STN
Curve Plotting	:	Graphical Representation on Printer
Plate Carrier Movement	:	Precisely through the stepper motor
Printer	:	Built in Thermal Printer 52 columns
Memory	:	Battery back up for 250 tests and more than 2500 results.
Analysis Mode	:	Absorbance (Normal & Differential) Cut - off Multi - Standard % Absorbance Single Standard Uptake Kinetic
RS232 Serial Port / USB	:	9600 baud, 8 data, 1 stop, no parity bits / USB
Power	:	75 Watts / 115 - 230 Volts ± 10%, 50 / 60 Hz.
Weight	:	10 Kgs. (Approx)

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



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