

Althea Solutions Pvt. Ltd.

MICROPLATE ELISA READER

ALH ER-1260



MICROPLATE ELISA READER

MODEL : ALH ER-1260

PRODUCT FEATURES :

- Large 8 Inch touch screen display
- Built in XP system
- 300 Test program
- USB interface
- Keyboard and mouse connecting available



TOUCH
SCREEN



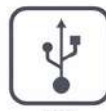
ACCURATE
& STABLE



SOFTWARE
CONTROL SYS.



EASY
OPERATION



USB
CONNECTIVITY

ACCESSORIES :

- 96 Well plates (2 Nos)
- Software
- USB cable
- Power adapter
- Keyboard
- Main lead
- Instruction Manual



96 Well plates (2 Nos)



Software



USB cable



Power adapter



Keyboard



Main lead



Instruction manual

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TECHNICAL SPECIFICATION :

Light Source	6V, 10W tungsten halogen lamp, it can work over 5000 hours
Wavelength Range	400 -750 nm
Optical Filters	4 Standard filters: 405, 450, 492,630 nm, maximum 8 filters
Measurement Methods	Single wavelength, dual wavelength,two points method, dynamic assay, multiple wavelengths
Blank Ways	Single well blank, multiple wells blank, rows and columns blank
Calculation Method	Absorbance, single point calibration,linear regression, quadratic curve, four parameters equation
Measurement Speed	Single wavelength < 3 seconds/96 wells, dual wavelength <9 seconds/ 96 wells
Measurement Range	0.0000-4.5000Abs
Resolution	0.0001A
Linearity	± 05% or < 0.025 A
Repeatabilty Difference	<0.1% or ± 0.0025A
Rows and Columns Difference	<0.01 A
Display	Buit-in XP system, 8" touch-screen,shows whole microplate results and calibration curve
Save Information	More than 300 test programs, results of 50 pieces of 96 well, 100000 test results
Interface	4 USB two-way communication interface, 1 RS232, 1 VGA, 1 Keyboard connector, 1 mouse connector
Environment	Power supply 12V DC (100V-240V wide input voltage range) temperature: 5°-40°C
External Dimension	52.5cm(20.7 in) x 42.0cm(16.5 in) x 26.0cm(10.20 in)
Net Weight	9 kg.