



KLABS KMER-750 Microplate ELISA Reader



Product Description

KLABS KMER-750 Microplate ELISA Reader is a high-performance microprocessor-based ELISA analyzer designed for clinical diagnostics, research laboratories and quality control applications. The system features an 8-inch touch screen display, built-in XP operating system, multiple wavelength measurement capability and high-speed data processing.

Features

- Large 8 Inch Touch Screen Display
- Built-in XP System
- 300 Test Program Storage
- USB Interface
- Keyboard and Mouse Connectivity Available

Application/Uses

- ELISA Testing Laboratories
- Clinical Diagnostics Laboratories
- Research and Academic Institutions
- Biotechnology Laboratories
- Pharmaceutical Quality Control
- Immunology and Serology Testing

TOUCH
SCREENACCURATE
& STABLESOFTWARE
CONTROL SYS.EASY
OPERATIONUSB
CONNECTIVITY

Accessories

- 96 Well Plates (2 Nos)
- Software
- USB Cable
- Power Adapter
- Keyboard
- Main Lead
- Instruction Manual

Technical Specifications

Parameter	Specification
Product Name	Microplate ELISA Reader
Model No.	KMER-750
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	$\pm 0.5\%$ or $< 0.025 A$
Repeatability Difference	$< 0.1\%$ or $\pm 0.0025A$
Rows and Columns Difference	$< 0.01 A$
Display	Built-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) $\times$ 42.0cm(16.5 in) $\times$ 26.0cm(10.20 in)
Net Weight	9kg