

Microplate Reader MR-1000



Description

Microplate Reader MR-1000 is a benchtop microplate reader. Equipped with 8-channel manifolds as standard accessories for use with standard 96, and 384 wells plates. Covers the full wavelength range 340 to 750 nm and measured as quickly as 6 second per well, which is significantly faster than other current microplate reader methods. Temperature incubation, multiple shaking, well scan and reagent injectors make the MR-1000 the best platform for any clinical, biotechnology research and pharmaceutical laboratory applications. Can stored up to 200 programs and 100,000 test records in a single unit. Maintain all important measuring parameters including quality and quantity curve fit, blank substration, endpoint, kinetic calculation and data evolution function. A multi-mode reader has several benefits for laboratories applications ranging from ELISAs to nucleic acid and protein quantitation to cell imaging. Together with multiple microplate services and detection modes into a single, more versatile unit may be an ideal choice specially if you have limited area.

Technical:

Model	MR-1000
Wavelength	340 to 750 nm
Light source	Quartz-halogen lamp
Optical filter	405,450,492,630 nm
Resolution	0.001 Abs
Display	7 inch touch screen (800x480 dots)
Half-bandwidth of filters	3 to 9 nm
Detector	2 silicon photoelectric detector
Test speed	<6s for 96 wells plate
Shaking	3 modes shaking: slow, medium and fast
Linearity @450nm	0 to 2.000Abs ?±1% 2 to 4.000Abs ?±2%
Accuracy @450nm	±1% (0 to 3Abs) ±2% (3 to 4Abs)
Precision @450nm	CV?0.2% (0 to 3Abs) CV?1.0% (3 to 4Abs)
Incubator	No
Storage	200 programs and 100,000 test records
Ports	3 USB ports, for PC, printer and USB-disk
Interface	Integrated software or PC control software
Power Consumption	10 W
Dimensions	440 x 295 x 225 mm
Weight	10 kg
Electrical Requirement	6V
Catalogue No.	4201005-04

Shipping:	2 - 3 weeks Delivery.
residual_volume:	-
volume:	-
model_type:	96 wells plate

power:	10w
resolution:	0.001 Abs
wavelength:	340 to 750 nm
capacity:	-
model:	MR-1000

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