

EZ READ 400 Technical Specifications

EZ Read
Microplate Readers



Technical Specification

Lamp Source	Tungsten Halogen
Measurement Range	0-3.3 OD
Reproducibility/Precision	0.25% at 1.0 OD at 450 nm
Accuracy	0.5% at 1.0 OD at 450 nm
Standard Filters	405, 450, 492, 620 nm
Wavelength Selection	Filters
Wavelength Range	400-750nm
Plate Types	flat, round and v-bottomed 96-well plates
Data Output	Export to PC
Detection System	Single channel silicon photodiode
Reading Speed	25 seconds
Software	Galapagos Software
Shaking	None
Temperature Control	None
Linearity	0.25% and 0.0025 OD from 0.1 -2.5 OD at 492 nm
Computer Interface	USB 2.0
Optical System	Filters
Power Requirement	External power supply: 100-240VAC; current rating 50/60 Hz, 1.5 A
Validation	Optional 2010 Checkplate with ArSWEP software
Wavelength Reproducibility (+/-)	
Wavelength Accuracy (+/-)	
Dimensions (WxDxH)	31.5 x 18.2 x 43.5 cm
Weight	6.6 kg
Mode of Operation	PC Control
Analysis Software	Galapagos Software

ORDERING INFORMATION

80-4001-40	EZ Read 400 ELISA Microplate Reader*
80-4001-41	EZ Read 400 Research Microplate Reader
80-4001-42	EZ Read 400 Flexi Microplate Reader

*See ezread.biochrom.co.uk for more information and technical specifications.

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