



DIAREader ELX 800G

8 channel absorbance microplate reader



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- Semiautomatic ELISA reader
- Stand alone device
- 8 reading channels
- 8 positions filter wheel
- Measuring range from 400 – 750 nm
- LCD Touchscreen
- Internal printer
- Optimised for IVD ELISA tests
- On board software for qualitative and quantitative applications
- CE marked

Technical Features

Methods:	Absorbance mode (ABS), Cut-Off mode, Single standard mode, Curve mode, %ABS Multi-Point mode, Linear regression mode, Exponent regression mode, Logarithm regression mode, Power regression mode
Microplate types:	96-well microplates and strips
Shaking:	with variable intensity
Onboard software:	100 programmable protocols
Reading speed:	< 5 s (continuous mode)
Memory:	1000 patients, 10000 test data
Light source:	Halogen, 8V/20W
Wavelength selection:	Filters
Reading channels:	8
Filter wheel capacity:	8 positions
Filters supplied:	405, 450, 492, 630 nm; (substitute filters from 400 – 700 nm available)
Absorbance range:	0 to 3.5 OD
Resolution:	0.001 OD
Accuracy:	0 - 2.0 A: $\pm 1.0\%$ or ± 0.007 A
Precision:	0 - 2.0 A: $\pm 0.5\%$ or ± 0.005 A
Linearity:	$\pm 2.0\%$ or ± 0.007 A
Power supply:	100 - 240 VAC, 50/60 Hz
Weight:	7.5 kg
Dimensions:	45.5 x 33 x 20 cm (L x W x H)