

D E T E C T I O N

ELx800™ Absorbance Reader

The ELx800™ is a compact, robust microplate reader designed for applications within the clinical and life science research laboratory. BioTek's Gen5™ Reader Control Software efficiently collects data for review and export.

For complete data analysis of end point and kinetic measurements, Gen5 Microplate Reader and Imager Software is available, including optics for 21 CFR Part II compliance. The ELx800 offers proven value and quality for many applications.



ELx800 can be controlled by Gen5 software for extensive data analysis.



Features:

- Reliable and robust design
- 5 filter capacity
- 6- to 384-well microplate ready
- Gen5 Reader Control Software included
- Compatible with Gen5 Microplate Reader and Imager Software

Typical Applications:

- ELISA
- Protein assays
- Cytotoxicity assays

Configurations:

- ELX800: 6- to 96-well microplates, 400 – 750 nm wavelength range
- ELX800UV: 6- to 96-well microplates, 340 – 750 nm wavelength range
- ELX800NB: 6- to 384-well microplates, Terasaki plates, 400 – 750 nm wavelength range

See website or price list for configurations and descriptions.

Optional Accessories:

- Gen5™ Microplate Reader and Imager Software
- Gen5™ Secure (for 21 CFR Part 11 Compliance)
- Absorbance Test Plate
- Product Qualification Package



BioTek's ELx50™ Washer is ideal for pairing with ELx800 for routine workflows

Specifications:

General

Detection method:	Absorbance
Read method:	End point, kinetic and area scanning under computer control
Microplate types:	6 to 96 wells 6 to 384-well (NB option) 60/72/96-well Terasaki plates (NB option)
Software:	Gen5™ Reader Control Software included
Onboard software:	55 user-programmable protocols

Absorbance

Light source:	Tungsten halogen
Wavelength selection:	Filters
Wavelength range:	400 – 750 nm 340 – 750 nm (UV option)
Dynamic range:	0 – 3.0 OD
Resolution:	0.001 OD
Filter wheel capacity:	5 positions
Filters supplied:	4 filters (5 with UV option)
OD accuracy:	<1% at 2.0 OD
OD linearity:	<1% at 2.0 OD <3% at 3.0 OD
OD repeatability:	<0.5% at 2.0 OD
Reading speed:	96 wells: 30 seconds

Physical Characteristics

Power:	100 – 240 Volts AC. 50/60 Hz
Dimensions:	16.5"D x 15"W x 7"H (41.9 x 38.1 x 17.8 cm)
Weight:	18.5 lbs (8 kg)

Regulatory

For In Vitro Diagnostic use. CE and TUV marked, RoHS compliant.



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Performance values represent the average observed factory test values.
Specifications subject to change.

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