

ELx800™ Absorbance Reader

The ELx800™ is a compact, robust microplate reader ideally suited for applications within the clinical and life science research laboratory. When interfaced with BioTek's Gen5™ Data Analysis Software, the ELx800 applications are expanded to include kinetic and well area scanning measurements in microplates from 6- to 384-well.

When space or budget are limited, the ELx800 offers extensive onboard software, complete with multiple curve fit options, data transformations, cutoff and assay validation calculations. The outstanding performance of this hardworking microplate reader and its proven reliability makes the ELx800 an unbeatable value for your laboratory.



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 Data Analysis 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™ Data Analysis 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.



BioTek Instruments, Inc.
Highland Park, P.O. Box 998
Winooski, Vermont 05404-0998, USA

Phone: 802-655-4040 • Toll-Free: 888-451-5171
Outside the USA: 802-655-4740
www.biotek.com

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