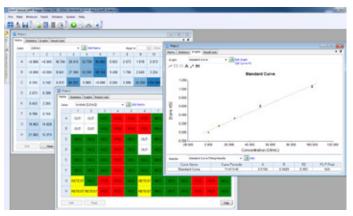
# ELx800™ Absorbance Reader

The ELx800<sup>™</sup> is a compact, robust microplate reader designed for applications within the clinical and life science research laboratory. BioTek's Gen5<sup>™</sup> 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: ELX800UV: ELX800NB:

- 6- to 96-well microplates, 400 750 nm wavelength range
- 6- to 96-well microplates, 340 750 nm wavelength range
  - 6- to 384-well microplates, Terasaki plates, 400 750 nm wavelength range

See website or price list for configurations and descriptions.

# **Optional Accessories:**

- Gen5<sup>™</sup> Microplate Reader and Imager Software
- Gen5<sup>™</sup> 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

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

### Absorbance

OD accuracy:

OD linearity:

OD repeatability:

Reading speed:

Light source: Tungsten halogen Wavelength selection: Wavelength range: Dynamic range: **Resolution:** Filter wheel capacity: Filters supplied:

Filters 400 – 750 nm 340 - 750 nm (UV option) 0-3.0 OD 0.001 OD 5 positions 4 filters (5 with UV option) <1% at 2.0 OD <1% at 2.0 OD <3% at 3.0 OD <0.5% at 2.0 OD 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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