

## Technical Specifications

Detection method	Absorbance
Read method	End point, kinetic, linear scanning
Microplate types	96-well plates
Temperature control	4-Zone temperature control to 50°C (ELx808IU)
Shaking	Low, medium, high and variable speeds
Software	Gen5 Reader Control Included
Onboard Software	55 user-programmable protocols

### Absorbance

Light source	Tungsten Halogen
Wavelength selection	Filters
Wavelength range	380 to 900 nm 340 to 900 nm (ELx808IU)
Bandpass	10 nm typical
Dynamic range	0 to 4.0 OD
Resolution	0.001 OD
Filter wheel capacity	6 positions
Filters supplied	4 filters (5 with UV option)
OD accuracy	< 1% at 2.5 OD typical < 2% at 3.5 OD typical
OD linearity	<1% at 2.5 OD typical
OD repeatability	< 0.5% at 2.5 OD typical < 1.5% at 3.5 OD typical
Reading speed	8 seconds interval.

### Physical Characteristics

Power	100-240 V <sub>AC</sub> 50/60 Hz
Dimensions	16"D x 15.5"W x 8.75"H (40.6 x 39.4 x 22.2 cm)
Weight	30 lbs (13.6 kg)