



## Features

As a stand-alone microplate reader, the ELx800™ is designed for applications within the clinical, biotechnology research and pharmaceutical areas. The on-board data reduction surpasses many PC software packages with its extensive curve-fitting, cutoff calculation, data transformation and validation capabilities. The system is distinguished by:

### *Extensive on-board data analysis*

- Curve-fit options: linear, quadratic and 4-P
- Control and assay validation

### *Memory*

- Stores 55 assay definitions and 25 standard curves

### *On-Board Diagnostic Testing*

- Universal Test Plate software tests for alignment, accuracy, linearity and repeatability



**IMMCO**<sup>®</sup>  
DIAGNOSTICS

## Specifications

Microplate types	6-, 12-, 24-, 48-, 96-well plates 384- and 60/72/96-well Terasaki plates (NB option)
Wavelength range	400 to 750nm 340 to 750nm (UV option)
Filter capacity	5 positions
Filters supplied	4 filters (5 with UV option)
Bandpass	10 nm
Dynamic range	0 to 3.0 OD
OD accuracy	<1% at 2.0 OD typical
OD linearity	<1% at 2.0 OD typical <3% at 3.0 OD typical
OD repeatability	<0.5% at 2.0 OD typical
Resolution	0.001 OD
Light source	Tungsten Halogen
Onboard software	55 user-programmable protocols
Power	100-240 VAC 50/60 Hz
Dimensions	16.5" D x 15" W x 7" H
Weight	18.5 lbs
Regulatory	IVD Directive, CE and ETL marked.