



## >>> **DIAREADER ELx800** **ELISA microplate reader**

### **Models**

#### > **DIAREADER ELx800G**

measuring range from 400 nm to 750 nm for reading 24, 48 or 96-well plates

#### > **DIAREADER ELx800 UV**

extended measuring range from 340 nm to 750 nm for reading 24, 48 or 96-well plates

#### > **DIAREADER ELx800NB**

measuring range from 400 nm to 750 nm for reading 24, 48 and 96-well plates as well as 60, 72, 384-well plates and Terasaki plates

#### > **DIAREADER ELx800PC**

Includes the powerful software package Gen 5 ELISA for controlling the reader from the PC

### **Specifications**

- > Detection mode: absorbance
- > Endpoint, kinetic and well area scanning (via computer control)
- > 6, 12, 24, 48, 96-well plates (model ELx800NB also 60, 72, 384-well plates and Terasaki plates)  
30 seconds for 96 wells single wavelength
- > Wavelength range: 400–750nm (model ELx800UV 340 nm–750 nm)
- > 5 positions filter wheel
- > Light source: Tungsten Halogen
- > Absorbance range: 0.000–3.000 Abs
- > Resolution: 0.001 Abs
- > Accuracy: +/-1% +/- 0.0010 Abs from 0 to 2 Abs
- > Linearity: +/-1% from 0 to 2 Abs, +/-3% from 2 to 3 Abs
- > Standards: CE marked, meets EU in vitro Diagnostic Directive (IVD-D)

### **Optional: Gen 5 ELISA**

- > Basic data analysis and curve fitting
- > 32bit Windows™ application controls all DIALAB® Absorbance Readers

### **Electrical Data**

- > Power: External, 24 volt power supply running from 100–240 VAC, +/- 10%, 50–60 Hz
- > External outputs: RS 232 bidirectional serial interface, Parallel Centronics printer interface
- > Display: 2x24 LCD display

### **Physical Data**

- > Dimensions: 41,9 x 38,1 x 17,8 cm (D x W x H)
- > Weight: 8,4 kg