

# Microtitration

## Microplate Reader, EZ Read 400 ELISA

High-performance, 96-well microplate reader with powerful software for routine absorbance assays in research, quality control and diagnostics.

- ◆ Measures flat-, round- and v-bottomed, 96-well microplates and strip wells with standard ANSI SBS footprints
- ◆ Accuracy maintained by automatic lamp calibration prior to each reading
- ◆ Flexible wavelength selection using a filter wheel
- ◆ Supplied with "Galapagos" software, providing plate configuration and set-up functions, ELISA assay analysis including curve-fitting options for 4 and 5 parameter fits, database development of methods and results and complete data recording

### Microplate Reader, EZ Read 400 ELISA, Biochrom®

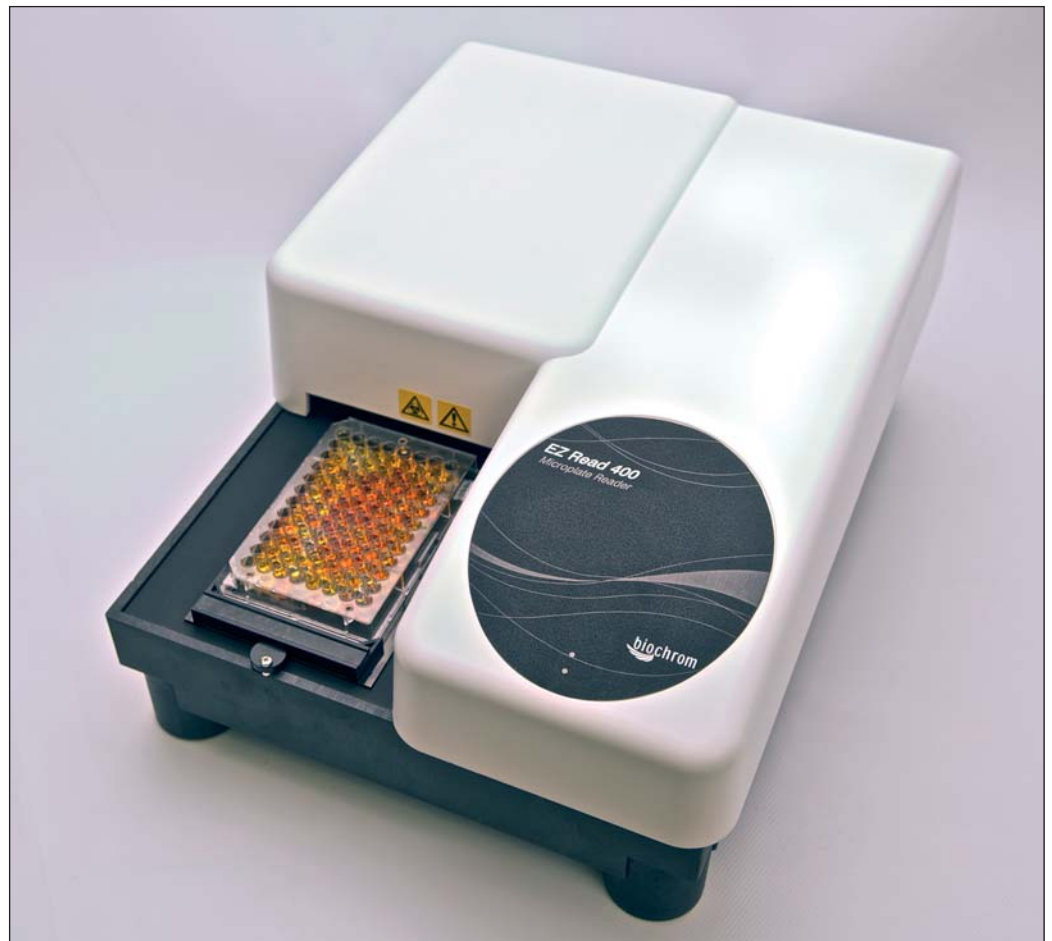
As described. Supplied with four standard filters, dust cover, power cable and "Galapagos" software with user manual. For 100-240V 50/60Hz single phase supplies. Requires, but is not supplied with, a personal computer running Windows™ software, for operation

**MN640-50** EZ Read 400 ELISA

**MN643-18** Accessory Q.C. plate for instrument validation

<i>Model</i>		EZ Read 400 ELISA
<i>Wavelength range</i>	<i>nm</i>	400 to 750
<i>Measurement range</i>	<i>OD</i>	0 to 3.3
<i>Reproducibility (at 1.0 OD and at 450nm)</i>	<i>%</i>	±0.25
<i>Accuracy (at 1.0 OD and at 450nm)</i>	<i>%</i>	±0.5
<i>Reading speed (96-well plate)</i>	<i>secs.</i>	25
<i>Detector</i>		Silicon photodiode
<i>Light source</i>		Tungsten-halogen lamp
<i>Standard filters*</i>	<i>nm</i>	405, 450, 492, 620
<i>Display?</i>		No
<i>Shaking facility?</i>		No
<i>Temperature control?</i>		No
<i>Interface</i>		USB 2.0
<i>Overall W x D x H</i>	<i>mm</i>	315 x 182 x 435
<i>Supply requirements</i>		100 -240V 50/60Hz single phase supply

\*Additional wavelength filters can be accommodated on the filter wheel - details on request.



MN640-50 in use