CO 8000 Biowave Personal Cell Density Meter

- Simple
- Reliable
- Portable

Rapid, low cost cell density measurement, anytime, anywhere

The Biowave CO 8000 from Biochrom is an easy-to-use instrument to measure the density of cells in suspension (e.g. yeast cells and bacterial cultures) by measuring Absorbance (OD) at 600nm

Completely portable, this hand-held instrument has a rechargeable battery, so it can be used in incubation cabinets, under anaerobic conditions, or in fume hoods and safety cabinets.

- LED Light Source for stable results and no maintenance.
- No warm up time.
- Saves last 99 results for download to PC or Printer.
- Accepts 10mm cuvettes, or 16mm tubes (Ehlenmeyer side-arm flasks).
- Adapters available for 10mm and 12mm tubes.
- Easy to clean.

The CO 8000 gives a lifetime of stable and repeatable results for a very affordable price!

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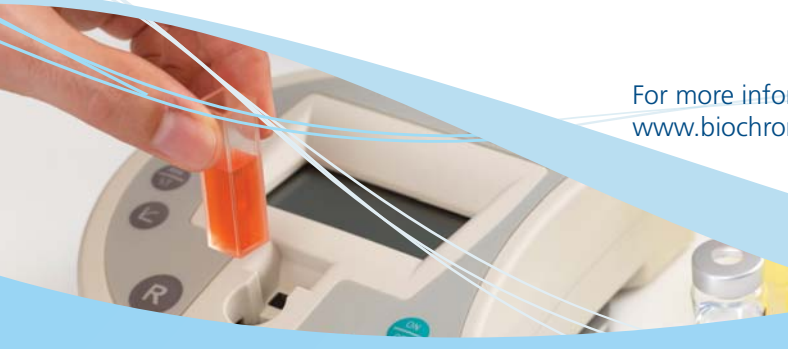
Technical Information

Light Source	LED
Absorbance Range	–0.3 to 1.99 A
Wavelength Range	600nm
Accuracy	± 0.05 A at 1 A using neutral density filters
Reproducibility	± 0.02 A at 1 A using cuvettes
Bandwidth	40nm
Stray Light	<1%T
Test Tubes	16mm standard round tube. 10mm and 12mm with adapter
Cuvettes	10 x 10mm, semi micro, macro
Display	LCD
Output	RS232 digital
Power	110/240 V via mains transformer/NiMH battery
WxDxH	150mm x 180mm x 60mm, 5.9" x 7.1" x 2.4"
Weight	0.6kg,1.3lbs
Warranty	1 year

CE marked and complies with relevant legislation, including EMC and low voltage directives.

Ordering Information

	Order Code
CO 8000 Personal Cell Density Meter mains/rechargeable battery	80-3000-45
Adapter for 10mm and 12mm tubes	80-3000-57
S2000P Serial Printer 40 column incl. cable	80-3000-94
RS232 Serial Cable	80-3001-00



For more information and technical specifications see our websites.
www.biochrom.co.uk or www.biochrom-US.com

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