

Biochrom WPA C08000 Cell Density Meter



A robust, easy to use instrument dedicated to the measuring of the density of cells in suspension such as *E. coli*, yeast, cells and other cell cultures. This hand held instrument has an integral battery allowing it to be taken to where the cell cultures are growing e.g. in incubation cabinets, under anaerobic conditions or even in a fume hood or safety cabinets.

- Provides light at 600nm and displays results in optical density units
- Stores up to 99 readings
- Results are given in Absorbance Units (OD)
- Results can be read directly or downloaded to PC by RS232
- Will accept 10mm path length cuvette or 16mm tube, or 10/12mm tubes using an adapter
- Rechargeable battery automatically recharges when connected to the mains and allows up to 1 month's normal use
- Easily cleaned with ethanol or sterilised with formaldehyde or ethylene oxide



Specifications	
Type	Visible
Wavelength, nm	600
Lamp Source	LED
Beam	Single beam
Optical System	LED
Bandwidth, nm	40
Detector	Diode
Photometric Range, A	–0.3 to 1.99
Photometric Accuracy, A	±0.02 at 1A
Photometric Reproducibility, A	0.02 at 1A in 10mm cuvette
Stray Light, %T	<1
Measurement Type	Cell density
Cell Compatibility	Cuvette 10mm
Cell Holder	Single cell
Accessory Options	Rechargeable battery included
Method Storage	None
Display	LCD
Data Interface	Serial
Power Requirement	110–220V, 50/60Hz, 20VA
Weight, kg	0.6
Dimensions, w x d x h, mm	150 x 180 x 60

Code	Alt Ref	Price
COL3430	80-3000-45	£627.00

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