





Biochrom Ultrospec 30 Cell Density Meter

Compact, portable, easy-to-use cell density meter

Applications

Suitable for:

- Performing microbial growth phase analysis in bacterial and yeast cell suspensions
- · Bacterial transformation
- · Plasmid amplification
- · Antibiotic studies
- · Quality control
- · Contaminant detection
- · Precision fermentation
- · Cell growth assays

Key Features

· Creation of Standard Curves

Generate and save cell and condition specific standard curves using absorbance values or McFarland standards to use for future quantification.

Compact and Portable

Hand-held instrument with rechargeable battery for easy movement around the lab

Touchscreen Display

Intuitive menu arrangement easily navigated using the colour trouchscreen.

Instrument Data Output

Measurement data can be exported to a USB flash drive as common-separated value (.csv).





Technical Specifications

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Part Number	80-3008-12	
Wavelength Range	600 nm	
Light Source	LED	
Detector	Photo Diode	
Display	4.3-inch, 480 x 272-pixel resolution backlit LCD colour display	
Storage Conditions	-10° C to 70° C (14° F to 158° F)	
Spectral Bandwidth	40nm	
Photometric Range	Absorbance 0.0 to 2.5A	
Photometric Accuracy	< ± 0.05A 1A using neutral density filter	
Photometric Repeatability	± 0.02A at 1A om 10mm cuvette	
Sample Holder	Accepts: • 10mm x 10mm cuvettes • 16mm test tubes Can accept 10-12mm tubes with optional adapter	
Data Connector: USB-A	Interface for memory device	
Power Connector: USB-C	Input power at 5V, 2 Amp max	
Power (via external charger)	USB charger specifications (included): 100-240V, 50/60Hz, 10W	
Battery	Internal rechargeable Li-Ion battery	
Compliance	CE & UKCA marked, US/CAN safety (ETL or equivalent)	
Dimensions	170mm W x 210 D x 50 mm H	
Weight	0.6 kg (1.3 lbs)	

Ordering Information

Ultrospec 30 Cell Density Meter	00 0000 10
(Includes: Instrument, power supply, USB cable, 1 pack of x8 cuvettes,	80-3008-12
Quick Start Guide and QR code with link to User Manual)	

To contact us from the USA or Canada:

E-mail: support@biochrom-us.com

Phone: +1 508 893 8999

Accessories

User Replaceable Battery	80-3007-99
USB-C Cable	80-3008-08
Power Supply	80-3008-09
Pack of 100 disposable cells, 1ml min. volume	80-2004-53
Adapter set for 10 and 12 mm tubes	80-3000-57

To contact us from any other country:

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