



Unitron 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 touchscreen.
- **Instrument Data Output**
Measurement data can be exported to a USB flash drive as common-separated value (.csv).

Work smarter – not harder



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TECHNICAL SPECIFICATIONS

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: <ul style="list-style-type: none">• 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)

Item: 1016-7677

Unitron a/s



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