

# DULCOTEST® DT1B Photometer



## Technical data

Device	Two wavelengths, automatic wavelength selection, colorimeter with direct measured value display
Optics	LEDs, interference filter (IF) and photo sensor at the transparent sample chamber Wavelength specifications of the interference filter: n 530 nm $\Delta\lambda = 5$ nm n 560 nm $\Delta\lambda = 5$ nm
Wavelength trueness	$\pm 1$ nm
Photometric accuracy*	3 % FS (Full Scale) (T = 20 °C ... 25 °C)
Photometric resolution	0.01 A (Absorption units)
Power supply	4 batteries (AA/LR 6)
Operating time	Approx. 53 h operating time or 15,000 measurements in continuous operation with background lighting switched off
Auto-OFF	Automatic device switch-off 10 minutes after the last key was pressed
Display	Backlit LCD (upon pressing of a key)
Memory	Internal ring buffer for 16 data records
Time	Real time clock and date
Calibration	Fabrication and user calibration. Return to the factory calibration is possible.
Dimensions	190 x 110 x 55 mm (L x W x H)
Weight	Basic device approx. 455 g (with batteries)
Ambient conditions	Temperature: 5 ... 40 °C Relative humidity: 30 ... 90 % (non-condensing)
Water-tight	analogous to IP 68 (1 hour at 0.1m); buoyant device

\*measured with standard solutions

The specified device accuracy is only obtained when using the original reagent system.

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