The new Pocket Colorimeter™ II Filter Photometer is a true go-anywhere instrument. It's lightweight and battery operated, suitable for extended field work or quick, on-the-spot process monitoring. The instrument has two channels in which measurements can be made. Each channel will accept a user-defined calibration curve. Up to 10 standards can be used to determine the calibration. The curve is generated by a point-to-point straight line segment between each standard used. Linear and non-linear positive or negative slope calibrations can be performed. A calibration curve may also be manually entered from the keypad if a previously determined curve has been made on the Colorimeter. At least two data pairs (concentration and absorbance) are required.

**Single Parameter go anywhere portable photometer**
Lightweight and battery operated, suitable for extended field work or quick, on-the-spot process monitoring. Measurement can be made in two ranges for a number of important parameters.

**Power: battery operation for a maximum of 2000 tests**
The Pocket Colorimeter II is simple enough to use that anyone can obtain reliable results with accuracy comparable to that of a lab instrument.

**Factory-Programmed**
Each Pocket Colorimeter II Instrument is pre-programmed for one of more than 35 parameters. Many are based on EPA-approved methods. No manual calibration is ever required. Simply zero the instrument with a blank, insert the reacted sample, and read the result.

**Waterproof, Lightweight, Rugged**
The Pocket Colorimeter II Instrument really can be carried in your pocket! Weighing in at only .23 kg (8.1 oz), the tough, impact-resistant shell protects electronics and optics for years of trouble-free operation. IP67 rating: the Pocket Colorimeter II can remain submerged at 1 meter for 30 minutes and still function properly. And, the instrument is designed to float!

**Backlit Display, Data Logging, Recall**
Clear readings even under difficult conditions, thanks to lighting and large figures on the display. Record 10 most recent data points along with time of measurement. No more manual record keeping hassles with carrying paper and pen.

**Specifications**

- **Case Style:** D
- **Compliance Certifications:** European CE mark
- **Detector:** Silicon detector
- **Dimensions (H x W x D):** 155 mm x 61 mm x 35 mm
- **Display:** LCD, backlit
- **Enclosure Rating:** IP67
- **Instrument:** Kit includes PC II
- **Lamp Type:** Light Emitting Diode (LED)
- **Method:** 8185
Method Name: Colorimeter/
Silicomolybdate

Number of tests: 100

Parameter: Silica, high range - As SiO₂

Range: 1 - 100 mg/L SiO₂

Smallest Increment: 1

Smallest Increment Steps: 1

Warranty: 2 years

Wavelength: Fixed wavelength ± 2 nm varies with model

Weight: 0.23 kg

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**What’s in the box?**

Pocket Colorimeter II Analysis System, Silica, 1 to 100 mg/L, with reagent set (100 tests). Each Pocket Colorimeter II Instrument comes complete as a ready-to-use kit that includes a reagent set (pre-measured unit dose reagents), sturdy custom carrying case, and manual.