

WATER QUALITY ANALYZER

PCE-WQA 50



- » **Sensor on 3 m / 9.8 ft cable**
- » **Infrared scattered-light technology for turbidity measurement**
- » **Sensor housing made of SUS316L stainless steel**
- » **3.5-inch color display with adjustable backlighting**
- » **USB interface for charging and data exchange**
- » **Memory for more than 100,000 measured values**
- » **Password-protected user access with different user rights**

The Water Quality Analyzer enables precise turbidity measurement using infrared scattered-light technology. This means turbidity is captured and assessed reliably, largely independent of the sample color.

The Water Quality Analyzer consists of a portable handheld unit with an ergonomic design and a robust turbidity sensor connected via a 3 m cable. The sensor housing made of SUS316L stainless steel is protected to IP68 and is suitable for use in damp or wet environments. The handheld unit meets IP67 protection and is therefore protected against dust and temporary immersion.

For convenient operation, the Water Quality Analyzer features a 3.5-inch color display with adjustable backlighting. The clearly arranged user interface with symbol-based menu guidance makes operation easier, while the measured values remain easy to read even in strong ambient light. A non-slip rubber grip and a detachable wrist strap ensure secure handling, even in wet conditions or when used on the move.

The integrated USB interface is used both for charging the lithium-ion battery and for data transfer. The 8 GB memory provides space for more than 100,000 measured values. Measurement data can be saved, exported via USB as a CSV file, and then further processed for analysis, documentation or report creation.

A password-protected user access system with different user rights protects the device settings from unauthorized changes.

