

WATER ANALYSIS

PHOTOMETER PCE-CP SERIES

Multi-parameter photometer with Bluetooth interface / storage of measured values

The multi-parameter photometer is a mobile measuring device for liquid analysis. This means that the most varied of measurements can be carried out with the multi-parameter photometer. With this multi-parameter photometer it is possible, for example, to determine alkalinity, chlorine, cyanuric acid or the pH value. In order to carry out a measurement with the multi-

parameter photometer, a water sample of 10 ml must be placed in a cuvette. The LED built into the multi-parameter photometer generates a test light in the wavelength ranges of 503 nm, 570 nm and 620 nm. A photodiode now recognizes the value to be measured based on the light transmission of the sample.

ISO cal option

- ▶ bluetooth connection with app
- ▶ exchangeable and lockable cuvette
- ▶ 503 nm / 570 nm / 620 nm LED
- ▶ automatic shutdown when inactive
- ▶ many different menu languages
- ▶ light detector: photodiode
- ▶ cuvette: 36 x ø 21 mm / 3.6 x ø 2.1 cm (10 ml)



APPLICATION



TECHNICAL SPECIFICATIONS

Calibration	Zero point calibration
Light source	503 nm / 570 nm / 620 nm LED
Light detector	Photodiode
Power supply	4 x 1.5V AA batteries
Dimensions of the cuvette	36 x ø 21 mm / 3.6 x ø 2.1 cm (10ml)
Menu languages	English, German, French, Spanish and Italian
Storage	Automatic storage of measured values and readout
Storage space	256 values
interface	Bluetooth connection with app and PC software
Automatic shutdown	After 300 seconds of inactivity
Operating conditions	5 ... 45°C / 41 ... 113°F, 20 ... 90% RH non-condensing
Storage conditions	5 ... 45°C / 41 ... 113°F, 20 ... 90% RH non-condensing
Dimensions	165 x 95 x 50 mm / 6.5 x 3.7 x 2 in
Weight	230 g / < 1 lb

Models:

PCE-CP 04	up to 5 selectable parameters e. g. Alkalinity, pH, Calcium hardness, total hardness
PCE-CP 10	up to 5 selectable parameters
PCE-CP 11	e. g. Alkalinity, Chlorine, Cyanuric acid, pH, up to 7 selectable parameters
PCE-CP 20	e. g. Chlorine, pH, Iron, total hardness up to 7 selectable parameter
PCE-CP 21	e. g. Alkalinity, Chlorine, Cyanuric acid, pH, total hardness up to 7 selectable parameter
PCE-CP 22	e. g. Chlorine, pH, Iron, Cyanuric acid, Bromine, Iodine up to 13 selectable parameter
PCE-CP 30	e. g. pH, Iron, Urea, Nitrite, Nitrate, Phosphate, Ammonia, Copper, Potassium, up to 13 selectable parameter e. g. Alkalinity, Chlorine, Cyanuric acid, pH, Calcium hardness, Active oxygen, Chlorine dioxide, Bromine, Ozone, Hydrogen peroxide - small measuring range (LR), Hydrogen peroxide - large measuring range (HR), PHMB (polyhexanide), Urea, total hardness



Subject to change without notice