

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	Optional accessories:		
Light source	503 nm / 570 nm / 620 nm LED		Reagent Kit Urea	Order no.: PCE-CP XO Tab Kit Urea
Light detector	Photodiode		Liquid Reagent No. 1 for Urea	Order no.: PCE-CP XO Tab PL Urea No1
Power supply	4 x 1.5V AA batteries		Liquid Reagent No. 2 for Urea	Order no.: PCE-CP XO Tab PL Urea No2
Dimensions of the cuvette	36 x ø 21 mm / 3.6 x ø 2.1 cm (10ml)		Bromine Auxiliary Tablets	Order no.: PCE-CP XO Tab Glycine
Menu languages	English, German, French, Spanish and Italian	Ammonia No1 Tablets PCE-CP XO	Order no.: PCE-CP XO Tab Ammonia No1	
	Storage Automatic storage of measured values and readout	Polyhexanide Tablets PCE-CP XO	Order no.: PCE-CP XO Tab PHMB	
Storage space interface	256 values	Reagent Tablets for pH Value Measurement	Order no.: PCE-CP XO Tab Phenol Red	
Automatic shutdown	Bluetooth connection with app and PC software	Reagent Kit for Hydrogen Peroxide High Range	Order no.: PCE-CP XO Tab Kit Hydrogen Peroxide HR	
Operating conditions	After 300 seconds of inactivity	Reagent Tablets for Hydrogen Peroxide Low Range	Order no.: PCE-CP XO Tab Hydrogen Peroxide LR	
	5 ... 45°C / 41 ... 113°F, 20 ... 90% RH non-condensing	DPD N° 3 Reagent Tablets for Free Chlorine, Total Chlorine	Order no.: PCE-CP XO Tab DPD 3	
Storage conditions	5 ... 45°C / 41 ... 113°F, 20 ... 90% RH non-condensing	DPD N° 1 Reagent Tablets for Free Chlorine	Order no.: PCE-CP XO Tab DPD 1	
Dimensions	165 x 95 x 50 mm / 6.5 x 3.7 x 2 in	DPD N° 4 Reagent Tablets for Active Oxygen	Order no.: PCE-CP XO Tab DPD 4	
Weight	230 g / < 1 lb	Light Protection Cover	Order no.: PCE-CP XO Cuvette Cover	
		Carrying Case	Order no.: PCE-CP XO Case	
Models:		Replacement Cuvette	Order no.: PCE-CP XO Cuvette	
PCE-CP 04	up to 5 selectable parameters e. g. Alkalinity, pH, Calcium hardness, total hardness	Stirring Stick for the PCE-CP 10	Order no.: PCE-CP XO Spurtle	
PCE-CP 10	up to 5 selectable parameters e. g. Alkalinity, Chlorine, Cyanuric acid, pH,	Microfiber Cloth	Order no.: PCE-CP XO Microfibre Cloth	
PCE-CP 11	up to 7 selectable parameters e. g. Chlorine, pH, Iron, total hardness	Dosing Pipette 10 ml	Order no.: PCE-CP XO PIP	
PCE-CP 20	up to 7 selectable parameter e. g. Alkalinity, Chlorine, Cyanuric acid, pH, total hardness	Calibration Set PCE-CP XO Cal-Set	Order no.: PCE-CP XO Cal-Set	
PCE-CP 21	up to 7 selectable parameter e. g. Chlorine, pH, Iron, Cyanuric acid, Bromine, Iodine	Reagent Kit Total Hardness	Order no.: PCE-CP XO Tab Kit Total Hardness	
PCE-CP 22	up to 13 selectable parameter e. g. pH, Iron, Urea, Nitrite, Nitrate, Phosphate,	Reagent Kit Calcium Hardness	Order no.: PCE-CP XO Tab Kit Calcium Hardness	
PCE-CP 30	up to 13 selectable parameter e. g. Alkalinity, Chlorine, Cyanuric acid, pH,			
Calcium hardness,				
Ozone,				
range (LR),				
(HR),				
	Active oxygen, Chlorine dioxide, Bromine,			
	Hydrogen peroxide - small measuring			
	Hydrogen peroxide - large measuring range			
	PHMB (polyhexanide), Urea, total hardness			



Subject to change without notice