

## DOSAControl Photometer – KITS (preconfigured)

Photometer for water analysis and calibration.



### Product description:

- Meter operating according to the DPD method for chemical-photometric determination of the concentration of disinfectants
- Menu guidance: intuitive, using a touch screen (5.5 inches)
- Technical description: see „Photometer - selection by parameters“
- Testing instructions during the measurement process
- Spectral range: 380 nm – 950 nm, complete coverage by multi-spectral sensor
- Measuring ranges:
  - pH: 6.5 – 8.4
  - Chlorine: 0.00 – 8.00 mg/l (ppm), free, combined, total
  - Iso-cyanuric acid: 0 – 160 mg/l (ppm)
  - Bromine: 0.0 – 13.5 mg/l (ppm)
  - Ozone: 0.0 – 4.00 mg/l (ppm)
  - Hydrogen peroxide: 0.00 – 2.9 mg/l (ppm)
  - Chlorine dioxide: 0.0 – 11.4 mg/l (ppm)
- Calibration: Auto Calibration function
- Operating environment:
  - 5 °C – 45 °C, 30 – 90% rel. humidity
- Protection class: IP 68
- Operating languages: > 15 languages: English, German, French, Italy, Spanish ...

### Areas of application:

- Water analysis and calibration.

### Scope of supply:

- **DOSAControl Photometer – Selection by parameter** with Plastic case incl.:
  - 4 x 24 mm / 10ml glass vials with lid (light shield integrated in lid)
  - 1 x light shield for 16mm vials, Eppendorf vials and calibration
  - 1 x 24 mm vial adapter (built-in, exchangeable)
  - 1 x 10.5 cm plastic stirring rod
  - 1 x graduated 10ml plastic syringe
  - 1 x vial cleaning brush, 1 x microfibre cleaning cloth for vials
  - 1 x Battery-Charger with USB-cable (type C)
- Reagents: (1 of each included)
  - Chlorine: 1 x 30 ml, DPD 1 A (dropper bottle), 1 x 30 ml, DPD 1 B (dropper bottle) 1 x 30 ml, DPD 3 C (dropper bottle)
  - pH: 1 x 65 ml, phenol red, (dropper bottle)
  - Cyanuric acid: 1 x 50 pcs. CYA test (tablets)
  - Chlorine dioxide: 1 x 30 ml, DPD 1 A (dropper bottle), 1 x 30 ml, DPD 1 B (dropper bottle), 1 x 30 ml, DPD glycine (dropper bottle)

### Ordering data:

Type:	Item number:
<b>Photometer</b> Chlorine (chlorine, total chlorine, pH, iso-cyanuric acid)	89231000
<b>Photometer</b> Chlorite (chlorine, total chlorine, pH, iso-cyanuric acid, chlorite)	89231010
<b>Photometer</b> Bromine (chlorine, total chlorine, pH, iso-cyanuric acid, bromine)	89231020
<b>Photometer</b> Ozone (chlorine, total chlorine, pH, iso-cyanuric acid, ozone)	89231030
<b>Photometer</b> Hydrogen Peroxide (chlorine, total chlorine, pH, iso-cyanuric acid, hydrogen peroxide)	89231040
<b>Photometer</b> Disturbance Variables (chlorine, total chlorine, pH, iso-cyanuric acid, iron, manganese)	89231050
<b>Photometer</b> Chlorine Dioxide (chlorine, total chlorine, pH, chlorine dioxide)	89231060