

## Chematest 30/35/42

The reliable, accurate and robust all-rounders. The Chematest 30 supports a wide range of photometric methods. The Chematest 35 offers measurements of additional parameters (pH, ORP, conductivity) via external sensors. Furthermore, the Chematest 42 rounds off the Chematest series with the turbidity parameter.



Transfer and manage measurement data via the Chematest App

**SWISS + MADE**

Low failure rate and high-up time thanks to Swiss quality engineering – IP67 conformity and 3-year instrument warranty included



Economic and environmentally friendly ready to use liquid reagents and standards



All measurement results can be validated at any time with stable, fully traceable standards through the VeriKit accessory

The spacious carrying case provides storage space for all the needed reagents, consumables and accessories needed for the daily measurement routine.

## Chematest 30/35

### The photometric expert with the option to add external sensors

Reproducible measurements, reliable results. All photometric methods are provided with ready to use reagents. The smart instrument design allows an easy and time-saving measurement routine, and the measurement performance can be easily verified with prepared, stable and fully traceable standards. In addition to the photometric methods, the Chematest 35 offers a digital sensor connection.



## Chematest 42

### The unique multiparameter device which includes turbidity measurements

Turbidity measurements are fully compliant to DIN ISO 7027-1 and USEPA 180.1. The individual factory calibration of every device guarantees a robust and accurate low-range turbidity measurement of 0.01 FNU/NTU. Highest precision and repeatability result from the fixed cuvette position – the cuvette is mechanically aligned to the very same position throughout all measurements which allows a smart cuvette offset management.

All photometric and nephelometric measurement results can be validated at any time with stable, fully traceable standards through the VeriKit accessory.



### Industries

#### Public Pools

All relevant parameters in one device. Using the proven DPD-method ensures precision and reproducibility of online analytics. Saves maintenance time and costs for pool control and water treatment.

#### Potable Water

Verify your online measurements for additional security. Handy to use and suitable for even the most remote sampling points where no online monitor can be installed. Suitable from the source to the distribution network.

#### Pharmaceutical & Life Sciences

Quick and easy QA/QC spot-check analysis to monitor the effective sanitization of your pharmaceutical water for compliance. Provides confidence in analysis accuracy by using traceable standards for verification of the measurement precision.

#### Food & Beverage

Operators of industrial plants require verification tools for their online water analytics to maintain the process water. Aquarium or fish farming operators also require a good water quality monitoring to reduce maintenance costs.

### Datasheet

#### Photometric Measurements

Chlorine (free, total, combined)	0 - 10 ppm
Chlorine dioxide	0 - 20 ppm
Ozone	0 - 2.5 ppm
Bromine	0 - 20 ppm
Iodine	0 - 35 ppm
pH value (phenol red)	6.5 - 8 pH
Cyanuric acid	0 - 100 ppm

#### Sensor Measurements

pH value	1 - 13 pH
Redox Potential (ORP)	-400 to +1200 mV
Specific Conductivity	0 µS/cm - 100 mS/cm
Temperature	0 - 50 °C

#### Nephelometric Measurements

Turbidity ISO	0 - 1000 FNU/NTU
Turbidity EPA	0 - 1000 FNU/NTU