



Swansensors for Chematest 35

The Chematest 35 is characterized by an enlarged range of methods and accessory measuring equipment.

The robust and long-living sensors of pH, redox potential (ORP) and specific conductivity are suitable for measurements in polluted samples.

All sensors are individually factory calibrated.

SENSORS

Swansensor pH CT and Redox (ORP) CT

Digital maintenance-free sensors with poisoning protected reference systems, solid electrolyte and well protected diaphragm around the sensing tip. The diaphragm is insensitive to mechanical stress.

The digital sensors are equipped with an integrated temperature measurement and a 1m cable allowing the user to measure samples comfortably.

The robust and long-living pH sensor is suitable for measurements in heavily polluted samples. It is easy to operate, fast and economical to use.

Measuring Range

pH Range: pH 1-13

Redox Potential (ORP): -400 – +1200 mV

Swansensor Shurecon CT

The Shurecon CT sensor is a digital four-electrode conductivity sensor with platinum electrodes. The four-electrode design is insensitive to polarization effects. For reliably accurate measurements a protective sleeve covers the sensing element and prevents the sensor being placed too close to container walls.

The digital sensor is equipped with a 1m cable allowing the user to measure samples comfortably.

The measuring range covers all sample types from purified water, drinking water and sea water to moderately polluted wastewater.

Measuring range

0.00 - 100 mS/cm*

Concentration determination

NaCl:	0.00 - 8.25 %	HNO ₃ :	0.00 - 1.90 %
HCl:	0.00 - 1.10 %	Salinity:	0.0 - 82.5 ‰ (as NaCl)
NaOH:	0.00 - 2.10 %	TDS:	depending on coefficient
H ₂ SO ₄ :	0.00 - 2.31 %		

* See datasheet for detailed information

