

Chematest 35 sensors for a wide range of applications: potable water to wastewater, swimming pool, cooling water.

pH and Redox Potential

Digital, maintenance-free sensors with poisoning-protected reference systems, solid electrolyte and clogging-resistant annular gap diaphragm.

Temperature range: 0–50 °C
 Pressure: ≤ 2 bar
 Conductivity of sample: ≥ 100 µS/cm
 Reference system: Ag/AgCl
 Solid electrolyte: 3.5 M KCl (AgCl-free)
 Connection: 1 m cable with 4-pin connector
 Supplied with rubber cap.

Swansensor pH CT

Measuring range: 1–13 pH
 Resolution: 0.01 pH
 Automatic temperature compensation with integrated sensor.

Swansensor ORP CT

Measuring range: –400–1200 mV
 Resolution: 1 mV
 Pt redox electrode with integrated temperature sensor for consistent data records.

Specific Conductivity

Digital four-electrode sensor with Pt electrodes. Insensitive to polarization effects.

Swansensor Shurecon CT

Measuring ranges / resolution:
 0.00–9.99 µS/cm
 10.0–99.9 µS/cm
 100–999 µS/cm
 1.00–9.99 mS/cm
 10.0–29.9 mS/cm
 30–100 mS/cm
 Accuracy: ± (0.2 µS/cm + 1.5 % of reading)
 Temperature range: 0–50 °C



Left to right: Swansensor pH CT, ORP CT with high-quality protection cap (cap supplied with Chematest 35), Shurecon CT.

Temperature compensation: absolute (none), linear coefficient in %/°C, nonlinear function for natural waters according to EN 27888.

Concentration determination:

Measuring ranges / resolution at 20 °C:

NaCl: 0.00–8.25 %
 HCl: 0.00–1.10 %
 NaOH: 0.00–2.10 %
 H₂SO₄: 0.00–2.31 %
 HNO₃: 0.00–1.90 %
 Salinity: 0.0–82.5 ‰ (as NaCl)
 TDS: depending on coefficient
 Connection: 1 m cable with 4-pin connector

SWAN Analytical Instruments AG warrants these SWAN-SENSORS to be free from all defects for one year from the date of purchase.

Order numbers:	Swansensor pH CT	A–87.160.014
	Swansensor Redox CT	A–87.460.014
	Swansensor Shurecon CT	A–87.391.014
Accessory:	Sensor protection cap	A–70.065.634
Calibration solutions:	See www.swan.ch for details and order numbers	

