

PC400S Portable pH/Conductivity/TDS Meter with GLP



Main Features

- Fast and precise measurement of EC, TDS, pH, and temperature
- Equipped with the 201T-S and 2301T-S electrodes, each with integrated temperature measurement
- Water- and dust-protected (IP57) for harsh environments
- Fast and easy 1- to 5-point calibration
- Large backlit LCD simultaneously shows the pH value and temperature, plus additional measurement and calibration information
- Self-diagnosis assists with calibration and troubleshooting
- GLP data management (1000 memory groups) with data output via USB, including real-time logging
- With the separately available 301Pt-S electrode, ORP can also be measured

Technical Parameters

pH	Measuring range	0,00 to 14,00
	Resolution	0,01
	Accuracy	$\pm 0,01 \pm 1$ digit
	Temp.-Compensation	0 to 100 °C (automatic or manual)
mV	Measuring range	± 1000 mV
	Resolution	1 mV
	Accuracy	$\pm 0,2 \% \text{ F.S.} \pm 1$ digit
Conductivity (EC)	Measuring ranges	EC: 0 to 200 mS/cm, divided into 5 ranges: (0,00 – 19,99 $\mu\text{S/cm}$); (20,0 – 199,9 $\mu\text{S/cm}$); (200 – 1999 $\mu\text{S/cm}$); (2,00 – 19,99 mS/cm); (20,0 – 199,9 mS/cm) TDS: 0 to 100 g/l Salinity: 0 to 100 ppt Resistivity: 0 to 100 M Ω cm
	Resolution	0,01 / 0,1 / 1 $\mu\text{S cm}^{-1}$; 0,01 / 0,1 mS cm $^{-1}$
	Accuracy	$\pm 1,0\% \text{ F.S.} \pm 1$ digit
	Cell constant	0,1 / 1 / 10 cm $^{-1}$
	Temp.-Compensation	0 to 50 °C (automatic or manual)
Temperature	Measuring range	0 to 100 °C
	Resolution	0,1 °C
	Accuracy	$\pm 0,5 \text{ °C} \pm 1$ digit
Other	Memory capacity	500 groups
	Stored values	Number, date, time, reading, unit, temperature
	Data output	USB
	Electrode connector	8-pin
	Power supply	4 × AA Batteries
	IP rating	IP57
	Dimensions	86×196×33 mm (with carrying case: 360×275×88 mm)
	Weight	335 g (with carrying case 1,9 kg)

What's in the Kit

PC400S Meter	1
201T-S pH electrode, 1 m cable	1
2301T-S conductivity electrode, 1 m cable	1
Calibration solutions (pH 4,00/ 7,00/10,01; 50 ml each)	1 each
Calibration solutions (84 $\mu\text{S/cm}$ / 1413 $\mu\text{S/cm}$ / 12,88 mS; 50 ml each)	1 each
USB cable	1
PC-Link software	1
Manual	1
Carrying case	1