



QUIMICOMPANY

EQUIPOS E INSUMOS PARA LABORATORIO

APERA
INSTRUMENTS

PORTABLE PH/CONDUCTIVITY METER KIT, WITH GLP DATA MANAGEMENT AND USB OUTPUT

REF: PC400S



- The high quality 201T-S 3-in-1 pH/Temperature Combination Electrode/Probe and BPB (Brush-Resistant Platinum Black) 2301T-S Conductivity/Temperature Electrode/Probe ensure Quick & Accurate pH and EC measurements
- IP57 Waterproof and Dustproof, ideal for use in harsh environments
- The large backlit LCD displays EC/pH and temperature simultaneously along with icons of stable readings and finished calibrations.
- GLP Data management (1000 groups of data storage), USB data output and power supply
- Quick and Easy 1 to 5 points auto calibration with calibration reminder function (premixed standard solutions included)



Kit PC400S



PC Connectivity



USB Data Output & Power Supply

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Electrodes

Conductivity

Name	ATC Conductivity Electrode
Model	2301T-S
Measuring Range	0.5 μ S/cm to 200 mS/cm
Electrode Constant	1.0 $\pm$ 0.2 cm ⁻¹
Sensor	Firm Platinum Black
Temperature Sensor	Thermister
Connector	8-pin Connector
Features	BPB Cond. Sensor ensures high accuracy in a wide meausring range (0 to 200 mS/cm)



pH

Name	ATC pH Electrode
Model	201T-S
Measuring Range	0 to 14 pH/ 0 to 80°C
Junction	Ceramic
Reference Electrode	Ag/AgCl
Temperature Sensor	Thermister
Connector	8-pin Connector
Features	Low impedance lithium membrane for fast response; Built-in ther misterfor ATC



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Technical specifications

Parameters		Description
pH	Range	-2.00 to 19.99 pH
	Resolution	0.1/0.01 pH
	Accuracy	±0.01 pH ±1 digit
	Temp. Compensation	0 to 100°C (32 to 212°F) Auto. or Manual
	Calibration	1-5 Points Auto. Calibration
mV	Range	-1999 to 1999 mV
	Resolution	1 mV
	Accuracy	±0.1% F.S
Conductivity	Range	Conductivity: 0 to 200 mS/cm include: (0.00 to 19.99) µS/cm; (20.0 to 199.9) µS/cm; (200 to 1999) µS/cm; (2.00 to 19.99) mS/cm; (20.0 to 199.9) mS/cm TDS: (0 to 100)g/L; Salinity: (0 to 100) ppt Resistivity: (0 to 100) MΩ cm
	Resolution	0.01/0.1/1µS/cm 0.01/0.1 mS/cm
	Accuracy	±1.0% F.S
	Temp. Compensation	0 to 50°F (32 to 212°F), Auto or Manual
	Electrode Constant	0.1 / 1 / 10 cm ⁻¹
	Calibration	1-4 Points Auto. Calibration
Temp	Range	0 to 100°C (32 to 212°F)
	Resolution	0.1°C
	Accuracy	±0.5 °C
Others	Data Storage	1000 sets
	Storage Content	Numbering, Date, Time, Measurements, Unit, Temperature
	Data Output	USB - PC-Link Software
	Auto. Timing Data Logger	Yes
	Power Supply	AA Batteries (1.5V*4) / USB
	IP Rating	IP57 Waterproof and Dustproof