

CONDUCTIMETERS

CONDUCTIMETER, PORTABLE. Model COND 7+ and COND 70+

Ergonomic model. Supplied in case with electrode and solutions. Equipped with rubber protective cover and a large LCD display showing all data simultaneously.

COND – TDS –Temperature for the model COND 7+ and GLP - Data Logger -USB additional for the model COND 70+. 5 years warranty



Specifications	Model COND 7+	Model COND 70+
RANGE COND	0.00...20.0-200.0-2.000	$\mu\text{S/cm}/200...20.00-200 \text{ mS/cm}$
Resolution	0.01/0.1/ μS -0.01/0.1 mS	
Precision(according cell)	$\pm 2\%$ full scale	
Calibration points	1...4	
Recognized standards (Auto)	84,1413 $\mu\text{S/cm}$ / 12,88, – 111,8mS/cm. 1 user defined value	
Indication standard used	YES	
Timer calibration	NO	YES
GLP Function	NO	YES
Cell state	NO	
Type of cell	2 polos	
Selectable cell constant	0,1 – 1 – 10cm ⁻¹	
TDS range	0.1 mg/L to 100 g/L (ppt)	
Factor TDS / Precision	0.40 to 1.0 / $\pm 1\%$ f. e.	
Temperature , range	0 to 100,0°C $\pm 0.5^\circ\text{C}$	-10 to 110°C $\pm 0.5^\circ\text{C}$
Compensation of temperature	Automatic / Manual NTC 30K Ω -0, 80°C	
Coefficient of temperature	0.00...10.00% / °C	
Temperature of reference	15...30°C	
SALINITY	NO	0.01 to 50 ppt / $\pm 1\%$
GLP System	NO	YES, Data Link
Datalogger	NO	500 with date and hour
Auto Shutdown	After 20 minutes	
Display	LCD	LCD, 3 colors according function
Input	BNC and CINCH-RCA (CAT)	BNC, CINCH(CAT) and USB(PC)
Protection IP	IP57	
Power	3 batteries 1,5V AA	3 batteries 1.5V AA + Power pack AC/DC with cable USB
Autonomy	>200 hours	
Protection IP	Anti moisture IP 57	
Size / weight instrument	86 x196 x 33mm / 295 g	86 x196 x 33mm / 300 g
Size / weight with suitcase	385 x 300 x 115mm / 1720 g	385 x 300 x 115mm / 1725 g

CON 7+/ CON 70+

Code	Articles
4.0104.00*	Conductimeter, portable COND 07+, suitcase, cover rubber, solutions and cell / CAT
4.0104.01*	Conductimeter, portable COND 07+, suitcase, cover rubber, solutions without cell / CAT
4.0130.00*	Conductimeter, portable COND 70+, suitcase, cover rubber, solutions and cell / CAT
4.0130.04*	Conductimeter, portable COND 70+, suitcase, cover rubber, solutions without cell / CAT
4.0104.02*	Cell (5 μS to 100mS) 0 to 80°C, CAT NTC30K, of plastic, 1m cable
4.0104.03*	Cell (5 μS to 150mS) 0 to 80°C, CAT NTC30K, of glass, 5m cable
4.0104.04*	Cell 2(0.1 μS to 500 μS) CAT NTC30K, epoxy, st st. , 1m cable
4.0101.04*	Power pack, main 230V

CONDUCTIMETER, bench-top. Model COND 51+

- ◆ Laboratory instrument with microprocessor ◆ Custom configuration with selectable cell constant and coefficient of temperature.
- ◆ Automatic and manual calibration with automatic knowledge of 4 standards and 1 to choice by user.
- ◆ Automatic scaling in avoiding errors ◆ Adjustable parameters ◆ Function for medium stable readings and auto-diagnostic
- ◆ Large backlit LCD display shows readings, scale units measurement and temperature.
- ◆ Cell with integrated temperature sensor designed to prevent the formation of bubble, built in materials of high resistance to chemicals.

ESPECIFICATIONS

- ◆ Range: 0...200.0 - 2000 μ S / 2.00...20.00 - 200.0mS.
- ◆ Resolution: 0.1-1 μ S / 0.01-0.1mS
- ◆ Precision: \pm 1% deep scale.
- ◆ Automatic calibration with automatic knowledge of 4 standards: 4 points and 1 to choice by user
- ◆ Standards: 84, 1.413 μ S and 12.88, 111mS to 25°C
- ◆ Cell constant: 0.1 – 1.0 – 10.0 selectable
- ◆ Temperature range: 0.0 to 50.0°C.
- ◆ Resolution: 0.1°C.
- ◆ Compensation of temperature: automatic and manual
- ◆ Reference temperature: 15...30°C
- ◆ Temperature Coefficient: 0.00 to 9.99% by °C adjustable
- ◆ Screen: LCD back-light
- ◆ Inputs: cell, BNC - CAT, jack
- ◆ Power: power pack 9V DC...230V AC
- ◆ Size / Weight: 160 x 185 x 70 mm / 550gr



COND 51+

Code	Articles
4.0106.00*	Conductimeter with articulate support, solutions and cell 2 poles with integrated temperature sensor
4.0106.02*	Conductimeter with articulate support, solutions without cell
4.0104.02*	Cell (5 μ S to 100mS), 0 to 80°C CAT NTC 30, plastic body and Pt 1m cable
4.0104.03*	Cell (5 μ S to 150mS), 0 to 80°C CAT NTC 30, glass body 5m cable
4.0104.04*	Cell (0.1 μ S to 500 μ S), 0 to 80°C CAT NTC30, epoxy, st.st. body 1m cable
4.0200.14*	Articulate support, spare, for 4 sensors and CAT

CONDUCTIVITY, standards solutions. NIST/ DKD Traceability

Code	Articles
4.0100.13*	Standard solution 1.3 μ S / cm / 25 °C, 1x300m, DKDI
4.0100.14*	Standard solution 5 μ S / cm / 25 °C, 1x300ml, DKD
4.0100.15*	Standard solution 15 μ S / cm / 25 °C, 1x300ml, NIST
4.0100.16*	Standard solution 84 μ S / cm / 25 °C, 1x500ml, NIST
4.0100.22*	Standard solution 100 μ S / cm / 25 °C, 1x300ml, NIST
4.0100.11*	Standard solution 147 μ S / cm / 25 °C, 1x500ml, NIST
4.0100.04*	Standard solution 1413 μ S / cm / 25 °C, 1x500ml, DKD
4.0100.07*	Standard solution 12880 μ S / cm / 25 °C, 1x500ml, NIST
4.0100.21*	Standard solution 100mS / cm / 25 °C, 1x300ml, NIST

Standards of other values, conductivity, salinity and Certified ENAC solutions

CONDUCTIMETER, see, MULTIPARAMETRIC METER

Distributor: