



Conductivity meter "CD-2004"

PORTABLE EQUIPMENT WITH IP65 PROTECTION AGAINST WATER AND DUST.

FEATURES

Measures conductivity, TDS and salinity.
Automatic range switching.
Automatic temperature compensation.
Calibration using standards for conductivity, TDS and salinity.
RS-232 output to connect a printer or a computer.
Direct printer connection, see part no. 4120113.
Temperature coefficient programmable.
Conductivity cell constant adjustment.
Memory for 250 results.
Ambient protection IP65 (protection against water splashes from any direction).
Includes Carry case, conductivity cell K= 1 and temperature sensor Rt-2252.

SPECIFICATIONS

Reading ranges: (automatic)
Conductivity TDS
0.00 to 19.99 $\mu\text{S}/\text{cm}$ 0.00 to 10.00 mg/L
20.0 to 199.9 $\mu\text{S}/\text{cm}$ 10.00 to 100.0 mg/L
200 to 1999 $\mu\text{S}/\text{cm}$ 100.0 to 1000 mg/L
2.00 to 19.99 mS/cm 1.000 to 10.00 g/L
20 to 199.9 mS/cm 10.00 to 19.99 g/L
(Cell constant K=10) (Cell constant K=5 or 10)
Salinity range: 0.00 to 8.00
Temperature range: 0.0 to 40.0 °C
Precision:
Conductivity: 1.5% base scale
Salinity: 0.20%
Temperature: 0.3 °C



ACCESSORY

Conductivity cell and temperature sensor.

Conductivity cell with epoxy body. Temperature sensor Rt-2252.
IP65 protection connectors. Part No. **4120411**



MODEL

Part No.	Width / Height / Depth cm	Power source	Weight Kg
4120410	21 10 4.5	4 1.5 V batteries	0.5



Conductivity meter "CD-2005"

BENCH TOP METER WITH LARGE SCREEN.

FEATURES

Measures conductivity and TDS.
Automatic or manual setting temperature compensation with fixed coefficient of 2%.
Calibration with standards of conductivity and TDS.
RS-232 output to connect a printer or a computer.
Cell constant adjustment.
Temperature sensor connection Rt-2252.
Temperature measuring range: 0 to 60 °C.

SPECIFICATIONS

Conductivity ranges:
(Manual range change)
0 to 20.00 $\mu\text{S}/\text{cm}$
0 to 200.0 $\mu\text{S}/\text{cm}$
0 to 2000 $\mu\text{S}/\text{cm}$
0 to 10.00 mS/cm
Precision: 1.5% base scale + 1 digit.
TDS ranges: 0 to 1000 mg/L.



MODEL

Part No.	Width / Height / Depth cm	Weight Kg
4120510	30 20 7.2	0.5

Accessories to complement the meter, conductivity cells, temperature sensors and standards (see accessories).
Not compatible with the printer 4120113.

Includes sensor stand.

ACCESSORIES



Conductivity cell

Glass body. Working temperature range 0-100 °C

Fig. Part No. K Sensor T* (°C) Dimensions mm Applications

1	4120220	1	Yes	Ø 12 x 120	General laboratory use up to 2000 μS
3	4120220.1	Yes	Ø 12 x 120	Pure water up to 20 μS	
4	4120223	10	Yes	Ø 12 x 120	High conductivity up to 200 ms

Temperature sensors

Fig.	Part No.	Range	Type	Dimensions mm	Material
5	4120121	0-100	Rt-2252	Ø 5 x 120	Stainless steel
6	4120129	0-100	Rt-2252	Ø 12 x 120	Glass

Conductivity standards.

4120160 Flask 250 ml Standard ± 0.05 of 1278 mS/cm at 20 °C; 1413 mS/cm at 25 °C
4120161 Flask 250 ml Standard ± 0.025 of 4.915 mS/cm at 20 °C; 5.446 mS/cm at 25 °C
4120162 Flask 250 ml Standard ± 0.06 of 11.67 mS/cm at 20 °C; 12.88 mS/cm at 25 °C

MAGNETIC STIRRER "AGIMICRO"

Features

Maximum stir volume: 2 litres.
Adjustable stir speed from 40 to 1400 r.p.m.
Excellent chemical resistance.
Location hole at the back for a retort rod. (Accessory)

Control panel

Mains switch with luminous on indicator.
Analogue control of speed in r.p.m.

Model

Part No.	Medidas cm	Power source	Weight Kg
7001638	Ø 12 x 5	230 V 1 W	0.5

Supplied complete with a 8 Ø x 32 mm P.T.F.E. coated stir bar.



ACCESSORY

Support bar and electrode clamp.
Part No. **7001639**



Universal arm support.

With holder for up to 4 sensors or electrodes.
Very stable heavy base. Ideal for working at varying heights.
Part No. **1001552**