

acta mesures

RC180

- Conductivity and resistivity controller « portable » -



Range	Conductivity/resistivity: 0-2mS/0-20M Ω Conductivity: 0-20mS/cm or 0-200mS/cm Temperature: 0.0 à 80.0°C
Accuracy	+/- 1%
Temperature display	0.1°C
Calibration	Manual or automatic alarm
Cellule	0.1 or 1 or 10cm ⁻¹
Temperature compensation	Automatic from 0 to 80°C or manual from 0 to 80°C
Temperature reference	25°C
Temperature coefficient	0 to 5% by degree
Power	Battery 3.6 volts Lithium AA (off after 10 mn)
Autonomy	350 hours
Environment	0 à 50°C ; RH 95%
Enclosure	Ergonomic out of polyamide
Waterproofed	IP65 according to EN 60529
Weight	300g

General features

The portable « RC180 » is an instrument entirely numerical. It allows conductivity or resistivity measurement according to the range. A PT100 integrated in the probe allows the reading and compensation of the temperature on all the ranges. It is possible to use it in automatic compensation from 0 to 80°C but also in manual with the temperature parameter setting (temperature by defect: 20°C). Access to the different parameters (Siemens, Ohms, C°) is possible by simple pressure on the keyboard. The large LCD display allows seeing easily the measurements in all circumstances.

Calibration can be done by manual setting on calibration solutions on all ranges or automatic calibration recall.

For the range 0-2mS/0-20M Ω , measure can be displayed in conductivity (0.05 μ S) or resistivity (18.2M Ω).

The instrument is delivered without its probe in order to give choice according to each customer installation.

Applications

Water treatment
Reverse osmosis
Surface treatment
Chemical treatment of used, industrial waters
Laboratories

Accessories

2R22G1	Probe range 0-2mS/0-20m Ω (1m moulded cable)
2R22G2	Probe range 0-20mS (1m moulded cable)
2R22G3	Probe range 0-200mS (1m moulded cable)
CS24/CS84/CS	
1413/CS5000/	Calibration solutions
CS12880	
MAL180	Box

Order references

RC180	Conductivity/resistivity controller «portable» (delivered with battery and instructions)
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