



# PRT180

- pH and rH controller « portable » -



Range	pH= 0 to 14pH - mV= +/-1000mV - C°= 0 to 100°
Resolution	pH= 0.01 - mV= 1 - C°= 0.1
Accuracy	pH= +/-0.05 - mV= +/-1 - C°= +/-0.5
pH calibration	In 2 points in calibration solutions
Calibration « zero »	+/-1pH
Calibration « slope »	From 85 to 105%
Temperature compensation	Automatic from 0 to 100°
	Possibility for manual setting
Entry impedance	10 <sup>12</sup> ohms
Battery type/life	3.6 volts Lithium AA / 350 hours
Environment	0 to 50°C / RH 95%
Enclosure	In polyamide IP65 according to EN60529
Dimensions	200 x 105 x 80mm
Weight	300gr

## General features

The portable « PRT180 » is an instrument entirely numerical. It allows pH, rh (mV) and temperature measurement. It is possible to use it with automatic compensation from 0 to 100°C but also in manual with the temperature parameter setting (temperature by defect: 20°C). Access to the different parameters (pH, mV, 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 from 0 to 14pH. It is possible to set the factory calibration in the menu. The instrument is delivered without its probe in order to give choice according to each customer installation.

## Applications

Water treatment  
Swimming-pool and drinking water control  
Used or industrial water chemical treatment  
Laboratories

## Accessories

<b>4RC09PH</b>	pH probe in polyamide with 90cm cable
<b>4RC09RH</b>	rH probe in polyamide with 90cm cable
<b>4RC10PH/30</b>	pH probe in polyamide with 1 or 3m cable
<b>4RC10CTPH/30</b>	pH probe in polyamide with temperature with 1 or 3m cable
<b>4RC10RH/30RH</b>	rH probe in polyamide with 1 or 3m cable
<b>4RT10/4RT30</b>	Temperature probe with 1 or 3m cable
<b>PH4S/PH7S/PH10S/RH220</b>	Calibration solution
<b>MAL180</b>	Box

## Order reference

<b>PRT180</b>	PH/mV/°C portable (delivered with battery and instruction)
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