

Voltage and pH measurement module

pX1000.S

The pX1000 allows the measurements of pH or pX values during electrochemical experiments. This module also provides an additional Pt1000 input which allows recording of the temperature during the experiments, either through a Pt1000 sensor or through a combined pH/Pt1000 sensor. The temperature measurement allows automatic pH corrections.

The pX1000 module can also be used as an additional differential electrometer, with the same specifications as the main Autolab electrometer. The pX1000 module is compatible with the Metrohm pH and temperature sensors.

The user can connect any pH, pX or 'double' electrode to the pX1000 module. In case an electrode other than a pH electrode is used, the output is given as the voltage difference that is measured between the electrodes making it possible to connect a detection electrode to perform coulometric titration. The pX1000 module also works as an independent pH meter.

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery pX1000.S

Order Number	Description	Quantity
pX1000.LEMO.BAN	**pX1000 V+/V- cables** Differential input cables for the pX1000 module. Two cables are provided, V+ and V-.	1 PCS
pX1000.LEMO.CVR	**pX1000 input cover** Cover for unused inputs of the pX1000 module.	1 PCS

Optional accessories

6.1114.010
Pt1000 temperature sensor made of stainless steel



Pt1000 temperature sensor (class B) with fixed cable (1.2 m), with a needle made of stainless steel and a PEEK shaft. This glass-free temperature sensor is well suited for measurements:
– in semisolid materials (e.g., cheese, meat)
– in non-oxidizing materials at pH 1 to 13

6.1110.100
Pt1000 temperature sensor (installation length 12.5 cm)



Pt1000 temperature sensor (class B) made of glass.
This PT1000 temperature sensor is also available under the article number 6.1110.110 with an installation length of 17.8 cm.

6.1110.120
Pt1000 temperature sensor for CVS (installation length 9 cm)



Pt1000 temperature sensor (class B) for Professional CVS Instruments.

6.0228.000

Solitrode with Pt1000 (fixed cable 1.2 m)



Combined pH electrode with integrated Pt1000 temperature sensor and fixed cable (1.2 m). This electrode is suitable for routine pH measurements in solutions that do not contain precipitates, proteins, or sulfides. This electrode is mechanically resistant thanks to the robust/unbreakable plastic shaft made of polypropylene and impact protection for the glass membrane. Reference electrolyte: c(KCl) = 3 mol/L, storage in storage solution.

6.1110.110

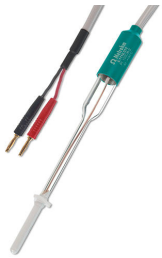
Pt1000 temperature sensor (installation length 17.8 cm)



Pt1000 temperature sensor (class B) made of glass for sample changers.

6.1110.010

Pt1000 temperature sensor for 909 UV Digester



Pt1000 temperature sensor (class B) made of glass with fixed cable (0.5 m) for connecting to a 909 UV Digester.
