


Data Sheet pHeasy HT

The aim of the pHeasy HT electrode design is to require as little maintenance as possible: The POLISOLVE electrolyte is maintenance free, and the SINGLE POREs are resistant to clogging. It contains a 2nd reference electrode (CheckRef) that serves to monitor the state of the reference electrolyte. The CheckRef helps to detect reference problems and indicates when to exchange the sensor. The pHeasy HT is sterilizable, autoclavable and even withstands CIP-cleanings, which makes it suitable for hygienic applications.

Application Fields:

Chemical, pharmaceutical industry, biotechnology, food and beverage industry

Specifications:

Serial Number:	Yes
Certificate:	Yes, with measured values in buffer pH 4.01 and pH 7.00
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	pH 0 ... 14
Zero-Point:	0 ± 20 mV
Sensitivity:	57 ... 59 mV / pH at 25°C
Temperature Range:	0 ... 130°C
Pressure Range:	0 ... 6 bar
Electrolyte:	POLISOLVE
Reference System:	HAMILTON EVEREF-L CheckRef for constant reference monitoring
Liquid Earth:	No
Shaft Material:	Glass
Membrane glass:	HAMILTON type PHI glass
Sample: min Conductivity:	50 µS/cm
Diaphragm:	SINGLE PORE
Number of diaphragms:	2
Steam sterilizable:	Yes
Autoclavable:	Yes
CIP:	Yes
Electrical Connector:	VP 6.0 multipin connector with PG 13.5
Temperature Sensor:	PT 1000
ATEX approval:	Yes, CE 0035  II 1/2 G EEx ia IIC T4/T5/T6
Recommended Storage:	HAMILTON Storage Solution 500 ml (p/n 238931) or 3M KCl (p/n 238036 or 238936)



Ordering Information:

Part Number	Description	a-length (a)
238893	pHeasy HT 120	120 mm
238894	pHeasy HT 225	225 mm

Dimensional drawing:

