

Data Sheet JACOTRODE VP

The maintenance free JACOTRODE VP sensor can perform various measurements at once: Conductivity and pH or redox potential.

Application Fields:

Chemical, pharmaceutical industry, biotechnology, food and beverage industry

Specifications:

Serial Number:	Yes
Certificate:	No
Measuring Method:	pH: Combination electrode, potential measured against reference electrode Conductivity: 2-electrode
Range:	pH: 0 ... 14 Conductivity: 0.1 μ S/cm ... 1 ms/cm, larger range possible with multipoint calibration ORP: +/- 2000 mV
Zero-Point:	0 \pm 20 mV
Sensitivity:	57 ... 59 mV / pH at 25°C Conductivity: Cell constant c=0.4/cm
Temperature Range:	0 ... 130°C
Pressure Range:	0 ... 4 bar
Electrolyte:	SKYLITE
Reference System:	HAMILTON EVEREF-F, Silver ion barrier included
Liquid Earth:	Yes
Shaft Material:	Glass
Membrane glass:	HAMILTON type PHI glass
Sample: min Conductivity:	100 μ S/cm
Diaphragm:	HP-COATRAMIC
Number of diaphragm:	1
Steam sterilizable:	Yes
Autoclavable:	Yes
CIP:	Yes
Electrical Connector:	VP 6.0 multipin connector with PG 13.5
Temperature Sensor:	Yes, Pt 1000
ATEX approval:	No
Recommended Storage:	HAMILTON Storage Solution (p/n 238931) or 3M KCl (p/n 238036 or 238936)



Ordering Information:

Part Number	Description	a-length (a)
238442	Jacotrode VP 120	120 mm
238443	Jacotrode VP 225	225 mm

Dimensional drawing:

