Technical Features

Measurement ranges	pH: - 9 to 23 pH
	mV: ± 2000 mV
	°C: - 10°C to 110°C
Resolution	pH: ± 0,01 pH
	mV: ± 0,1 mV
	°C: ± 0,1°C
Electrode entry impedance	> 2 x 10^{12} Ohms
Polarization electrodes	It is possible to impose a current of 10A in the connected electrode on the BNC input
Stability criterion	3 mV/min (≃ 0,05 pH/min)
Measures	2 modes : • Continuous: Continuous display of pH/mV and temperature • Automatic: The pH result is frozen and memorized when the drift is below the stability criterion.
Calibration	1 to 3 points
Choosing buffers	3 modes: • Automatic recognition of tampons (Series: IUPAC or 4-7-10) • Handbook selection of tampons among the series IUPAC and 4-7-10 • Free by manual adjustment of pH value
Criteria for agreeing to calibration	• Slope: 95 to 102% • Zero-pH: 5.80 to 7.50 pH Non-blocking criteria generating a warning
Languages	French, English, Spanish, German and Italian
Display	Chart 128x64, OLED Technology, Size 60 x 30 mm
Input / Output	• 1 input for glass electrode or combined (BNC socket) • 1 input for reference electrode (TAKE BANANE 4 mm) • 1 input for temperature sensor (take RCA / CINCH) • 1 RS232 series port (take SUB-D 9 pins) • 1 USB 2.0 port (type B socket) • 1 analog output (take mini-DIN8)
Box	Project-resistant and dirt-resistant (INOX - PC - PMMA)
Dimensions (H x W x D)	80 x 140 x 180 mm
Weight	1 Kg
Power	2 possibilities: • By AC adapter 12Vdc, 1A, 12W (JACK plug) • By USB 2.0 port (type B socket)
Environmental conditions	• Temperature of use: 5 to 40°C • Relative use humidity: 20 to 80%