pH-meter 907 is a digital bench-top instrument based on microprocessor technology and conceived to perform pH, electrode potential (mV) and temperature measurements in several fields of application as universities, research institutes, environmental analysis, chemical or petroleum industry, etc.

1| Large back-lit LCD display that shows simultaneously pH (or mV) and temperature values of the measured solution.
2| Functions of automatic temperature compensation, automatic calibration and automatic calculation of the theoretical slope of the electrode.
3| Possibility of measuring the electrode potential with ion-selective electrodes and oxy-reduction potential (ORP) with ORP electrodes.
4| Automatic calibration in 1 or 2 points with possibility of manual adjustment.
5| Possibility of measuring pH value of pure and ultrapure water with pure water electrodes by adjusting the isopotential point.
6| The results can be saved, deleted, displayed or printed; at most 500 sets of data of pH or mV can be saved.
7| Provided with 2 print modes; print of the measurement in course or print of saved data.
8| Protection against electricity cuts off; saved data and parameters are kept.
9| With RS232 interface for connection to TP-16 printer or PC.

KDD006
Digital pH-meter 907

Code	KDD006
Measuring range	
pH	0.0 to 14.0 pH
mV	-1999.9 to 1999.9 mV
Temperature	-5 to 135º C
Display range of pH value	-2.00 to 18.00
Resolution	
pH	0.01 pH
mV	1 mV
Temperature	0.1º C
Accuracy of electronic unit	
pH	± 0.01 pH ± 1 bit
mV	± 1 mV ± 1 bit
Temperature	±0.3ºC ± 1 bit
Temperature compensation	± 0.01 pH
Accuracy of the meter	
pH	± 0.02 pH ± 1 bit
Temperature	±0.5ºC ± 1 bit (0.0-60.0ºC) ±1.0ºC ± 1 bit (60.0-100.0ºC)
Reproducibility of the electronic unit	
pH	0.01 pH
mV	1 mV
Temperature	0.3ºC
Reproducibility of the meter	0.01 pH ± 1 bit
Stability of the electronic unit	± 0.01 pH ± 1 bit/3h
ATC range	0º C a 100º C
Calibration	1 or 2 points
Dimensions (LxAxH)	290 x 200 x 70 mm
Weight	1 Kg
Power	DC adapter (+9 V DC; 300 mA)