

Model 2335 AMEL INSTRUMENTS

precision digital - pHmeter



The new AMEL Model 2335 Digital pH Meter offers a new dimension to the quality, accuracy, and reliability normally associated with instruments produced by AMEL.

The newly developed microprocessor offers quality features such as:

1. Simplicity of use
2. High level of flexibility
3. Unrivalled performance
4. Exceptional price to performance ratio

The Model 2335 offers high performance in any application, whether it be precise laboratory use, routine measurements in various industrial fields, or in education.

The large display provides the user with total control of all parameters, and the intuitive keyboard permits rapid calibration checks when following the step by step instructions given in the menu.

USB connection is provided for printing results and software control.



HIGH RESOLUTION pH-METER AMEL MODEL 2335

| Parameters | Range | Resolution | Accuracy |
|--------------------|----------------------|----------------------|------------------------------------|
| pH | -2,000/16,000 pH | 0.001 pH +3 digit | 0.005 pH |
| mV | -2000,00/+2000,00 mV | 0,1 mV +2 digit | 0,2 mV |
| Current | -2,0000/+2,0000 mA | 0,1 μ A | 0,5% f/s |
| Temperature | -20,00/+120,00 °C | 0,001 °C | 0,2°C depending on pT1000 class |
| Input impedance | | 10 ¹² ohm | |
| Bias current | | < 2 pA (@ 25 °C) | |
| Temperature sensor | | PT-1000 | |
| Temperature range | | -20/ +120 °C | |

Commands and interface

| | |
|-------------------------|---|
| Display and keyboard | 2 x 20 characters backlight LCD (large size) 8-keys keyboard |
| Calibration menu | Microprocessor based system with step-through menu |
| Communication interface | USB 1.0 (com port simulation) |

Power supply and size

| | |
|-------------------|--|
| Voltage mains | Universal input mains (100-240 Vac 50/60 Hz) |
| Power consumption | 50 W max |
| Size & weight | 220 x 210 x 120 mm (L x W x H) Kg 1.8 |

The instrument can be modified in order to operate as Null Resistance Ammeter with two current range

| | Range | Resolution | Accuracy |
|---------------------------------------|--------------------------------|--------------------------|----------------------|
| Version as Null Resistance Ammeter | +/- 2,0000 mA +/- 20,000 mA | 0,1 μ A 1 μ A | 0,5% f/s 0,5% f/s |