

**Product Name :**  
Selective Ion Analyzer**Product Code :**  
EEMEL77M0003**Description :**

Selective Ion Analyzer

**Technical Specification :**

- Measuring Ranges:

pH: -2.000 to +19.999, -2.00 to +19.99

mV: -999.9 to +999.9, -1999 to +1999

Temp: -23 to 221 °F (-5.0 to 105.0 °C)

ISE: 0.000 to 9.999 mg/l, 0.00 to 99.9 mg/l, 0.0 to 999.9 mg/l, or 0 to 1999 mg/l

- Measuring Resolution:

pH: 0.001, 0.01

mV: 0.1, 1

Temp: 0.2°F (0.1°C)

ISE: 0.001 mg/l, 0.01 mg/l, 0.1 mg/l, 1 mg/l

- Precision:

pH (+ pH units from the calibration point): +0.003 from 59 to 95 °F (15 to 35 °C), +0.01  
mV: +0.2 from 59 to 95 °F (15 to 35 °C)  
Temp: +0.1 (NTC 30); +0.5 from 32 to 59 °F (0 to 15 °C), +0.1 from 59 to 95 °F (15 to 35 °C), +0.2 from  
95 to 131 °F (35 to 55 °C) (PT 1000)

- pH correction function: Manual from -4 to 266 °F (-20 to 130 °C)
- Usable ISE electrodes: Combination and single electrodes with connector according to DIN 19262  
ISE calibration procedure: Two point calibration or three point calibration with standards suiting the  
sample  
ISE slope ranges: ± 25 to 35 mV and ± 50 to 70 Mv
- Serial Interface

Baud Rate: Adjustable: 1200, 2400, 4800, 9600 Baud  
Type: RS232, data output  
Data Bits: 8  
Stop Bits: 2  
Parity: None  
Handshake: RTS/CTS + Xon/Xoff  
Cable Length: Max. 15m

- Ambient Conditions:

Storage: -13 to +149 °F (-25 to +65 °C)  
Operation: 14 to 131 °F (-10 to +55 °C)  
Climatic Class: 2

- Power:

Batteries: 4 x 1.5 V alkali-manganese batteries, type AA  
Operational Life: approx. 3000 operating hours

- Mains:

The following applies to all plug-in power supplies:  
Connection max. overvoltage category II  
Input: 100 to 240 V ~ / 50 to 60 Hz / 400 mA  
Output: 9 V = / 1.5 A

- Weight: 0.7 lbs (0.3 kg)

Size: 6.8x3.1x1.5 in (172x80x37 mm)



## Equipments Exporters

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