

ENVIRONMENTAL IAQ METERS

AQ100, AQ200 SERIES



DESCRIPTION

The **E Instruments AQ100 Series Environmental Meter** is an economical, fixed probe, hand-held air quality sensor for ambient temperature and CO2 measurement. It uses NDIR (non dispersive infrared) technology and comes with a soft carrying case. The **AQ200 Series** has interchangeable measurement modules, as opposed to a fixed probe, and is available in popular "kits" with temperature/CO2/humidity or temperature/CO2/humidity/CO, for example. The **AQ200 Series** also comes standard with a voltage/current module (0-10V, 4-20 mA), two Pt100 channels, and a PC output with software.



FEATURES

- Selection of units
- Minimum/maximum and hold functions
- Automatic shutoff
- Adjustable backlight
- Calibration certificate available with some models

SPECIFICATIONS	
Supply Voltage AQ100 (1) 9V alkaline 6LR61 included AQ200 (4) 1.5 V alkaline AA included Battery Life 9 hours continuous Accuracy AQ100 CO2 ±3% of reading or ±50 ppm Temperature ±0.4% of reading or ±0.3°F Range AQ100 CO2 0 to 5000 ppm Temperature -4° to 176°F (-20° to 80°C) Resolution AQ100 CO2 1 ppm Temperature 0.1°F or °C Sensor Type AQ100 CO2 Non-dispersive infrared (NDIR) Temperature Pt100 Class A AQ200 CO2 Non-dispersive infrared (NDIR) Temperature Pt100 Class A (AIQ probe) semiconductor (climatic probe) CO Electrochemical Humidity Capacitive Operating Temperature 0° to 122°F (-17.7° to 50°C)	Storage Temperature -4° to 176°F (-20° to 80°C) Connection Type AQ100 18" (450 mm) to 8' (2.4m), retractable AQ200 Top: 2 secured mini-DIN for SMART-plus probes Side: 1 USB port 5 keys, metal coated, (AQ200 Joystick) Keypads Shock-proof ABS Environmental IP54 Housing Type Enclosure Rating IP54 Dimensions AQ100 Body only: 5.8"H x 2.8"W x 1.4"D (14.8 x 7.1 x 3.5 cm) AQ200 Body only: 6.4"H x 3.2"W x 2.3"D (16.2 x 8.1 x 5.7 cm) Auto Shutoff Times Adjustable 0 to 120 minutes Language AQ100 English, French AQ200 English, French, Dutch, German, Italian, Spanish, Portuguese, Swedish, Norwegian, Finnish, Danish, CE Approvals Weight AQ100 0.42 lb (0.19 kg) AQ200 0.75 lb (0.34 kg) Warranty 1 year

TOOLS & TEST EQUIPMENT

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ORDERING INFORMATION

MODEL	DESCRIPTION
AQ100S	Air quality tester, CO2 & temperature, fixed probe
AQ200	Air quality tester kit CO2, temperature
AQ200CO	Air quality tester kit CO, CO2, temperature, humidity
AQ200P	Air quality tester kit CO2, temperature, humidity