The economical, handheld Dwyer Model IRM20 Noncontact Infrared Thermometer is compact, rugged and easy to use—just aim, push the button, and read current surface temperatures in less than a second. Hot, hazardous, or hard-to-reach objects are safely measured without contact. The unit has a wide temperature range from 0 to 500°F (-18 to 260°C) and a distance-to-spot size ratio of 6:1. The LCD shows temperatures in switchable °F or °C, holds the reading for 7 seconds after the button is released and indicates when the battery is low. The IRM20 is ideal for industrial, electrical, heating and air conditioning, automotive and food safety.

Model IRM20, Noncontact Infrared Thermometer

SPECIFICATIONS
Measurement Range: 0 to 500°F (-18 to 260°C).
Operating Range: Ambient: 32 to 120°F (0 to 50°C).
Accuracy: ±2% of reading or ±3.5°F (±2°C) whichever is greater for targets at 30 to 500°F (-1 to 260°C); ±5°F (±3°C) for targets at 0 to 30°F (-18 to -1°C).
Repeatability: ±2% of reading or ±3°F (±2°C).
Resolution: 1°F/°C.
Response Time: 500 ms, 95% response.
Distance-to-Target: 6:1.
Emissivity: Fixed 0.95.
Battery: One 9V battery. 12 hours continuous use.
Storage Temperature: -4 to 150°F (-20 to 65°C) without battery.
Relative Humidity: 10-95% RH noncondensing up to 86°F (35°C).
Spectral Response: 7-18 µm.
Weight: 0.5 lb (227 g).
Agency Approvals: CE.

The microprocessor based pH/ORP/Temperature Meter offers quick response and high accuracy. Simultaneously measure and display pH from 0 to 14 pH (0 to 1999 mV) and temperatures up to 200°F (100°C). Model PHO-1 meter features manual or automatic temperature compensation, auto buffer recognition, and data logging capabilities, and the recording interval can be defined by the user. The Model PHO-1 accepts any pH electrode with a BNC connector. For additional convenience, select model PHO-1K kit, which contains a meter, RS-232 cable, batteries, software, pH electrode, temperature probe, gender changer, carrying case and manual.

Model PHO-1, pH/ORP/Temperature Meter

SPECIFICATIONS
Input: pH electrode with BNC connector, temperature probe.
Range: pH: 0.00 to 14.00 pH; mV: 0 to 1999 mV.
Temperature: 32 to 200°F (0 to 100°C).
Compensated Temperature Limit: Manual (MTC): 32 to 200°F (0 to 100°C); Automatic (ATC): 32 to 200°F (0 to 100°C).
Operating Humidity: Max. 80% RH.
Sampling Rate: About 1.5 time/sec.
Battery Life: Approximately 120 hours.
Power Supply: Six “AA” batteries.
Power Current: Approximately 20 mA DC.
Data Output: RS-232 PC serial interface.
Dimension: 7.4” x 2.9” x 2” (187 x 73 x 53 mm).
Weight: 1 lb (.45 kg) meter only.
Agency Approvals: CE.