ARTICLE CODE	DESCRIPTION
FPI-9807	Flex psychrometer probe - international

BRAND

Fieldpiece Instruments

PRODUCT DESCRIPTION

Minimum Device Requirement: BLE 4.0 devices running iOS® 7.0 or Android™ 5.0
Battery Type: 2 x AAA, NEDA 24A, IEC LR03
Battery Life: 150 hours typical alkaline. LED blinks red when battery replacement is needed.
Auto Power Off: 2 hours (APO can be disabled)
Wireless Range: 1000 feet (305 meters) line of sight. Obstructions affect distance.
Radio Frequency: 2.4 GHz
Operating Environment: 32°F to 122°F (0°C to 50°C) at <75% RH
Storage Temperature: -4°F to 140°F (-20°C to 60°C), 0 to 80% RH (with batteries removed)
Temperature Coefficient: 0.1 x (specified accuracy) per 1.8°F (32°F to 64°F, 82°F to 122°F), per 1°C (0°C to 18°C, 28°C to 50°C)
Weight: 0.33 lbs (150 g)
Flexible Probe: 0.36¿ (9mm) diameter; 9.25¿ (235mm) length
Relative Humidity (%RH)
Sensor Type: Capacitance polymer film
Hysteresis: ±1%RH typical (Excursion of 10% to 90% to 10%RH)
Measurement Range: 0%RH to 100%RH
Accuracy: (At 73.4°F (23°C))
±2.5% (10%RH to 90%RH); ±(5%) <10%RH, >90%RH
Response Time: 60 seconds typical for 90% of total range
Temperature Sensor Type: Precision thermistor
Measurement Range: -40°F to 250°F (-40°C to 121°C)
Accuracy: ±(1°F) 32°F to 113°F, ±(0.5°C) 0°C to 45°C; ±(2°F) -4°F to 32°F, 113°F to 140°F, ±(1°C) -20°C to 0°C, 45°C to 60°C



SPECIFICATIONS

Net weight (kg)	0.3
Color	Undefined

TECHNICAL DETAILS

MOQ sales (Pc.)	1