



Series
AQTI

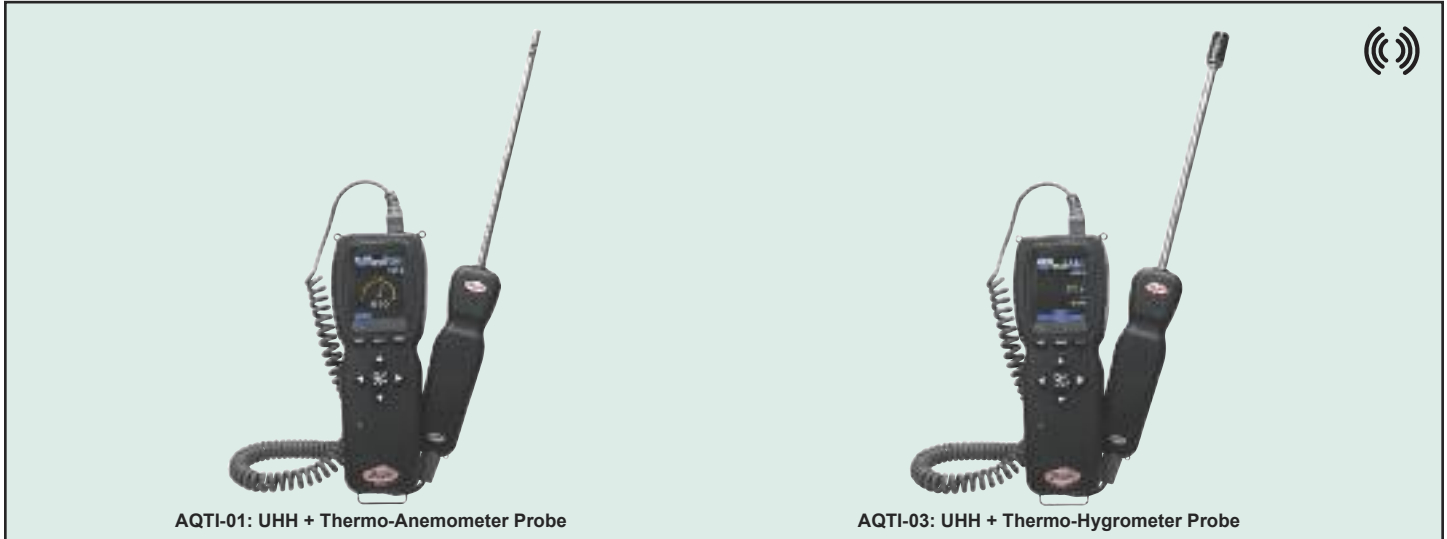
Air Quality Test Instrument Kits

AQTI Combines the UHH Universal Handheld with Compatible Probes



AIR QUALITY

HVAC Balancing Instruments



AQTI-01: UHH + Thermo-Anemometer Probe

AQTI-03: UHH + Thermo-Hygrometer Probe

The Series AQTI Air Quality Test Instruments combine the versatile Model UHH handheld base with various compatible probes and modules. This versatile combination provides a line of instruments capable of streamlining a technician's everyday testing by combining all into one product. All compatible probes and modules can be field adapted at any moment and are instantly recognized by any UHH handheld base instrument. The plug and play probes allow a user to run through various tests, eliminating the need to switch instruments and recall how to navigate all the various equipment from multiple vendors, reducing time and simplifying operation. Series AQTI Air Quality Test Instruments come prepackaged in thermo-anemometer or thermo-hygrometer probe kits. Additional wired and wireless probes may be ordered separately to create any customized test package to suit your needs.



UHH-C1
Included with every AQTI Series Test Kit

Model	Description
AQTI-01	Air Quality Test Instrument with UHH base and AP1 thermo-anemometer probe with coiled cable. Measures air velocity, volumetric flow and temperature.
AQTI-03	Air Quality Test Instrument with UHH base and RP1 thermo-hygrometer probe with coiled cable. Measures % RH, temperature, dew point and wet bulb temperature.

AQTI Series supplied with: UHH, sensing probe with coiled cable, soft carrying case (UHH-C1), hand strap (UHH-STRAP), dual USB charger with international power adapters (UHH-ICHRG), charger cable (UHH-CBL).

ADDITIONAL PARTS

- AP1, Thermo-anemometer air velocity & temperature probe with coiled cable
- RP1, Thermo-hygrometer humidity & temperature probe with coiled cable
- AP2, Wireless thermo-anemometer air velocity & temperature probe
- RP2, Wireless thermo-hygrometer humidity & temperature probe

ACCESSORY

UHH-SD, 2 GB SD card

UHH SPECIFICATIONS

Languages: German, Spanish, Italian, English, Portuguese.

Display: OLED, color 240 x 320.

Temperature Limits: 5 to 125°F (-15 to 51°C); **Note:** When using wireless function: 20 to 125°F (-6 to 51°C).

Battery Charging Limits: 32 to 113°F (0 to 45°C).

Resolution: 1 FPM, 0.1 MPS, 0.1 CFM & M³/HR; 0.1°F & °C; RH 0.1%.

Units Air Velocity: FPM, MPH, KN, M/H, M/S K/H, FPS.

Units Flow: CFM, M³/HR, M³/S, GPM, GPH, GPD, LPS, LPM, LPH.

Units Temperature: °F, °C.

Housing: Thermoplastic elastomer over polycarbonate.

Power Requirements: Rechargeable lithium ion polymer via USB.

Maximum Wireless Distance: 50' (15 m).

Weight: 10 oz (283 g).

Supplied With:

- Soft case; USB cable/charger;
- Hand strap.

Agency Approval: CE with CE

approved charger, RoHS; **Note:** Intended to be operated with power cables less than 3 m in length.

THERMO-ANEMOMETER PROBE SPECIFICATIONS

Service: Air velocity and temperature of clean, dry air.

Temperature Limits:

- Process: -20 to 200°F (-29 to 93°C);
- Ambient: 5 to 125°F (-15 to 51°C).

Range Air Velocity: 0 to 6000 FPM (0 to 30 m/s).

Accuracy Air Velocity: ±3% FS within temperature range of 40 to 90°F (4 to 32°C).

Range Volumetric Air Flow: 999,999 in selected flow units.

Range Temperature: -40 to 212°F (-40 to 100°C).

Accuracy Temperature: ±0.5°F (±0.28°C).

Handle Enclosure: Thermoplastic elastomer over polycarbonate.

Probe Length: 8" (203 mm) insertion.

Cable Length: 28" (71 cm) retracted, 6' (183 cm) extended.

Supplied With: Wrist strap.

Agency Approval: CE with CE

approved charger, RoHS; **Note:** Intended to be operated with power cables less than 3 m in length.

THERMO-HYGROMETER PROBE SPECIFICATIONS

Service: Humidity, temperature, wet bulb and dew point temperature detection in clean air.

Temperature Limits:

- Process: -40 to 176°F (-40 to 80°C);
- Ambient: 5 to 125°F (-15 to 51°C).

Range Relative Humidity: 0 to 100% (non-condensing).

Accuracy Relative Humidity: ±2% FS over 10 to 90% @ 77°F (25°C).

Range Temperature: -20 to 140°F (-28 to 60°C).

Accuracy Temperature: ±0.9°F @ 72°F (±0.3°C @ 25°C).

Handle Enclosure: Thermoplastic elastomer over polycarbonate.

Probe Length: 8" (203 mm) insertion.

Cable Length: 28" (71 cm) retracted, 6' (183 cm) extended.

Supplied With: Wrist strap.

Agency Approval: CE with CE

approved charger, RoHS; **Note:** Intended to be operated with power cables less than 3 m in length.