



Series
AQTIP
Pro Series

Air Quality Test Instrument Kits

AQTIP Pro Series Combines the UHH Handheld with Wireless Probes



AQTIP-01: UHH + Wireless Thermo-Anemometer Probe

AQTIP-03: UHH + Wireless Thermo-Hygrometer Probe

Wireless Probe

The Series AQTIP Air Quality Test Instruments Pro Series combine the versatile Model UHH handheld base with various compatible wireless 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 wireless probes and modules can be field adapted at any moment and are instantly recognized by any UHH handheld base instrument. The wireless 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 AQTIP Air Quality Test Instruments Pro Series come prepackaged in thermo-anemometer or thermo-hygrometer probe kits. Additional wired or wireless probes may be ordered separately to create any customized test package to suit your needs. The Pro Series come equipped with NIST Calibration Certificate, soft carrying case and heavy duty hard case with three layers of protective foam inserts which allow expansion for future probes and modules.



Heavy Duty Hard Case
Included with every AQTIP Pro Series Test Kit

Model	Description
AQTIP-01	Air Quality Test Instrument with UHH base and AP2 wireless thermo-anemometer probe. Measures air velocity, volumetric flow and temperature.
AQTIP-03	Air Quality Test Instrument with UHH base and RP2 wireless thermo-hygrometer probe. Measures % RH, temperature, dew point and wet bulb temperature.

AQTIP Series supplied with: UHH, wireless sensing probe, soft carrying case (UHH-C1), hand strap (UHH-STRAP), dual USB charger with international power adapters (UHH-ICHRG), charger cable (UHH-CBL), 2 GB SD card (UHH-SD), heavy duty hard case with pre-cut foam inserts for additional sensors (UHH-C2), NIST Calibration Certificate.

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

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.
Power Requirements: Rechargeable lithium ion polymer via USB.
Maximum Wireless Distance: 50' (15 m).
Handle Enclosure: Thermoplastic elastomer over polycarbonate.
Weight: 10 oz (283 g).
Supplied With: Soft case; Hard case; USB cable/charger; Hand strap, 2GB SD card.
Agency Approval: CE with CE approved charger, RoHS; **Note:** Intended to be operated with power cables less than 3 m in length.

WIRELESS 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).
Battery Charging Limits: 32 to 113°F (0 to 45°C).
Handle Enclosure: Thermoplastic elastomer over polycarbonate.
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).
Power Requirements: Rechargeable lithium ion polymer via USB.
Maximum Wireless Distance: 50' (15 m).
Handle Enclosure: Thermoplastic elastomer over polycarbonate.
Probe Length: 8" (203 mm) insertion.
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.

WIRELESS 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).
Battery Charging Limits: 32 to 113°F (0 to 45°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).
Power Requirements: Rechargeable lithium ion polymer via USB.
Maximum Wireless Distance: 50' (15 m).
Handle Enclosure: Thermoplastic elastomer over polycarbonate.
Probe Length: 8" (203 mm) insertion.
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.

AIR QUALITY

HVAC Balancing Instruments