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 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 (-4 to 51°C).

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

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

**Power Requirements:** 3 V BR1225 lithium metal battery, installed functional, non-replaceable and 3.7 V YT724368 lithium ion battery, installed functional, non-replaceable.

**Maximum Wireless Distance:** 50’ (15 m).

**Handle Enclosure:** Thermoplastic elastomer over polycarbonate.

**Weight:** 10 oz (283 g).

**Agency Approval:** CE with CE approved charger, RoHS, FCC.

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

**THERMO-ANEMOMETER PROBE SPECIFICATIONS**

**Service:** Dry, clean air.

**Temperature Limits:** Process: -20 to 212°F (-29 to 100°C); Ambient: 5 to 125°F (-15 to 51°C).

**Range:** RH: 0 to 100% (non-condensing); Temperature: -20 to 140°F (-29 to 60°C).

**Accuracy:** RH: ±2% @ 25°C (10 to 90% RH); ±4% (0 to 10, 90 to 100% RH); Temperature: ±0.54 @ 77°F (±0.3 @ 25°C).

**Response Time:** 1.5 s.

**Probe Length:** 8” (203 mm) insertion.

**Weight:** 5.4 oz (0.15 kg).

**VANE THERMO-ANEMOMETER PROBE SPECIFICATIONS**

**Air Velocity**

Range: 40 to 5000 fpm (0.2 to 25 m/s).

Accuracy: 0.25 to 10 m/s: ±1.5% of reading ±20 fpm (±0.1 m/s); 10 to 20 m/s: 1.5% of reading ±40 fpm (±0.2 m/s); 20 to 25 m/s: ±1.5% of reading ±60 fpm (±0.3 m/s).

**Response Time:** 1 s.

**Temperature**

Range: -4 to 140°F (-20 to 60°C).

Accuracy: ±0.54 @ 77°F (±0.3 @ 25°C).

**Response Time:** 1.5 s.

**RELATIVE HUMIDITY**

Range: 0 to 100% RH.

Accuracy: ±2% @ 77°F (25°C) (10 to 90% RH); ±4% (0 to 10% and 90 to 100%).

**Response Time:** 1.5 s.

**AIR VOLUME**

Range: 999,999 in selected units.

**Response Time:** 1 s.

**Vane Material:** Anodized aluminum.

**Probe Length:** 8” (203 mm) insertion.

**COMMON PROBE SPECIFICATIONS**

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

**Power Requirements:** 3.7 V YT562447 Lithium ion battery, installed functionally, user replaceable.

**Maximum Wireless Distance:** 50’ (15 m).

**Handle Enclosure:** Thermoplastic elastomer over polycarbonate.

**Supplied With:** Wrist strap.

**Agency Approvals:** CE with CE approved charger, RoHS, FCC.