



INFORMATION & SPECIFICATIONS DATA SHEET

TEMPERATURE & PROCESS INSTRUMENTS INC

VT-100E Mini Air Pro Hand Held Hot-Wire Thermo-Anemometer

The NEW Mini Air HW PRO VT-100E Hot-Wire thermo-anemometer air flow meter is a portable, compact digital meter designed for simplicity and easy one hand operation. Mini Air HW PRO VT-100E features high stability, good repeatability and fast response in wide variety of ambient conditions. A thermistor with negative temperature factor is used for air velocity measuring. The ambient temperature is measured with a RTD Pt100 sensor.

The Mini Air HW PRO VT-100E anemometer has its own dual display which continuously shows measurements, average, data hold, max. and min. values.

Features

- Measure Air Velocity and Temperature
- Pt100 RTD Temperature Sensor inside the probe
- Reliable and Accurate and Easy to Use
- Large ICE BLUE Backlight Display
- IP54 Housing
- Display of 2 Measurements Simultaneously
- Battery Indicator
- Hold, Min and Max Function
- Airflow: Optional Direct Measuring with Cones

SPECIFICATIONS

Measuring Element: Hotwire anemometer theristor with negative temperature factor

Ambient Temperature: Pt100 class A

Air Velocity

Measuring Units: m/s, fpm Ranges/Accuracy : 0 to 590 fpm, $\pm(3\% \text{ rdg } \pm 0.05\text{m/s})$; 591 to 5900 fpm $\pm(3\% \text{ rdg } \pm 0.2\text{m/s})$

Resolution: 0.01 m/s, 0.1 m/s

Air Flow Rate Measuring Units: m/h, cfm, l/s, m/s

Range/Accuracy: 0 to 60000 cfm, $\pm(3\% \text{ rdg})$

Resolution: 1 m/h

Temperature Measuring Units: °C, °F

Range/Accuracy: -4 +176°F $\pm(0.4\% \text{ rdg } +0.3^\circ\text{C})$

Resolution: 0.1°

Working Environment: Neutral gas

Working Temperature: 0 to 122°F (-18 to 50°C)

Storage Temperature: 0 to 176°F (-18 to 80°C)

Display: Large Ice Blue 2 lines of 12 characters with Backlight 2" x 1.4"

Housing: Shock-proof ABS IP54 Rating

Keypad: Metal Coated 5 keys

Integral Cable Length: 76"

Dimensions: 5.8" x 3" x 1.3"

Weight: 6.7 ounces

Languages: English, French



Order Information

Part Number	Description	Price
VT-100E	Mini Air HW PRO VT-100E Hot-Wire thermo-anemometer	\$370.00

Each Unit Includes: Integral 12" long probe with 72" lead wire, Soft Carrying Case, 9 V battery, and Instruction Manual.

* Price Subject to change without notice, please visit our web site for the latest pricing and specifications

Temperature & Process Instruments Inc.

1767 Central Avenue * Suite 112 * Yonkers * NY * USA * 10710 * Phone: (914)673-0333 Fax: (866) 292-1456

Visit us on the web at www.tnp-instruments.com