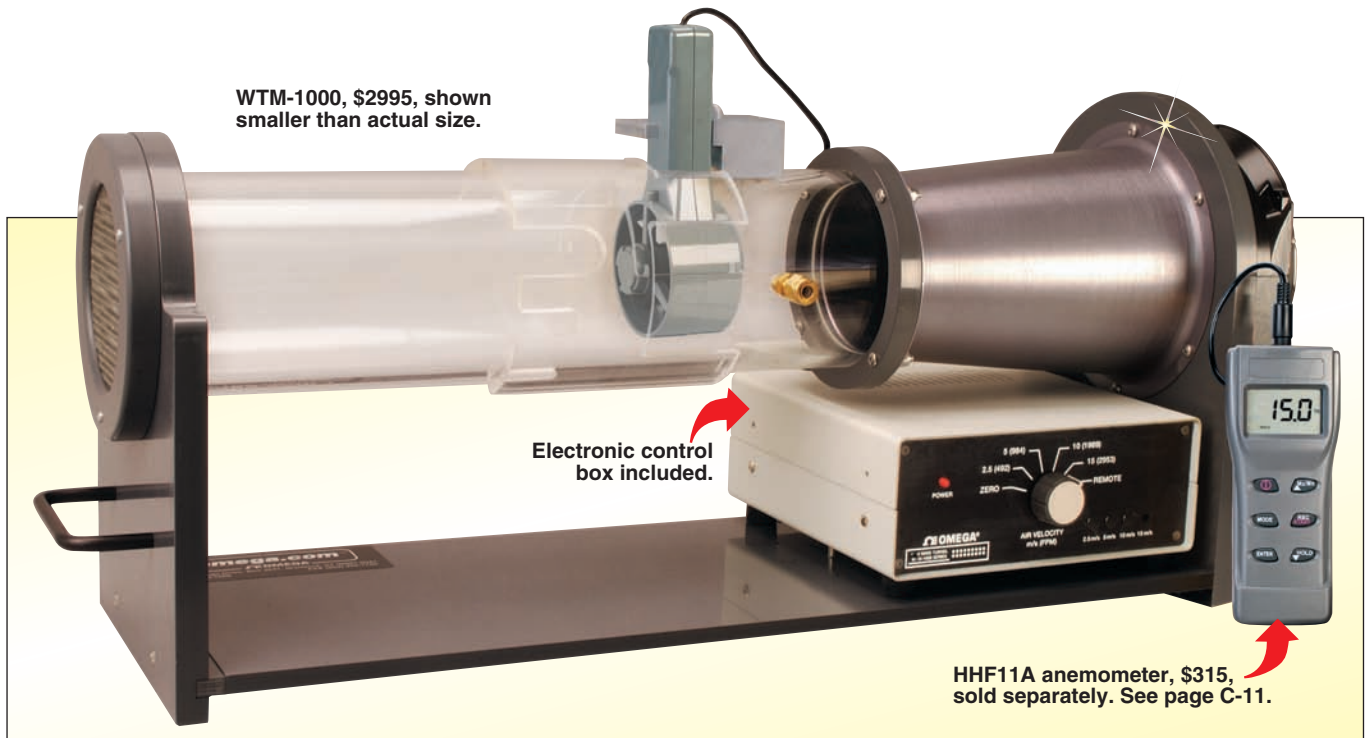




ECONOMICAL, LABORATORY-GRADE BENCHTOP MINI WIND TUNNEL



WTM-1000, \$2995, shown smaller than actual size.

Electronic control box included.

HHF11A anemometer, \$315, sold separately. See page C-11.

WTM-1000
\$2995



- ✓ 10 cm (4") Diameter Internal Test Chamber
- ✓ 4 Selectable Air Speeds:
 2.5 m/s (492 fpm)
 5.0 m/s (984 fpm)
 10 m/s (1969 fpm)
 15 m/s (2953 fpm)
- ✓ Accuracy of 1% of Setting or 0.1 m/s, Whichever is Larger
- ✓ Remote Option for Variable Air Speed
- ✓ Accommodates Either Hot-Wire or Vane-Type Anemometers
- ✓ NIST Calibration Certificate Supplied
- ✓ Operates from 90 to 250 Vac Line Power

The new WTM-1000 mini wind tunnel from OMEGA® gives a highly uniform flow rate at 4 selectable fixed air speeds, yet it costs less than competitive brands. The fixed air speeds range from 2.5 m/s (492 fpm) to 15 m/s (2953 fpm). With the remote option, the user can control and vary the wind tunnel air speed externally by connecting a potentiometer. The internal 10 cm (4") diameter test chamber is large enough to accommodate either hot-wire or vane-type anemometers. The unit is powered by 90 to 250 Vac. Each WTM-1000 comes with an NIST calibration certificate for the 4 fixed air speeds.

SPECIFICATIONS

- Accuracy:** ±1% of setting or ±0.1 m/s, whichever is larger
- Test Chamber:** 10 cm (4") diameter
- Flow Rates:** 2.5 m/s (492 fpm), 5.0 m/s (984 fpm), 10 m/s (1969 fpm), 15 m/s (2953 fpm)
- Remote Option:** Use an external 5K, 10-turn potentiometer to vary air speed
- DC Motor:** 24 Vdc @ 1.1 A (26 W)
- Power:** 90 to 250 Vac @ 50/60 Hz
- Operating Temperature:** 5 to 45°C (41 to 113°F)
- Operating Relative Humidity:** 80% RH max without condensation
- Size:** 68.5 L x 20.3 W x 29.2 cm H (27 x 8 x 11.5")
- Weight:** 8.2 kg (18 lb)

AVAILABLE FOR FAST DELIVERY!

| To Order (Specify Model Number) | | |
|---------------------------------|--------|-----------------------------------|
| Model No. | Price | Description |
| WTM-1000 | \$2995 | Laboratory-grade mini wind tunnel |

Accessories

| Model No. | Price | Description |
|--------------|-------|--|
| WTM-1000-CAL | \$375 | NIST recalibration |
| FW-1002 | 130 | Reference Book: Low-Speed Wind Tunnel Testing, 3rd Edition |

Comes complete with operator's manual and NIST certificate of calibration.

Ordering Example: WTM-1000, mini wind tunnel, WTM-1000-CAL, laboratory-grade mini wind tunnel, NIST certificate, \$2995 + 375 = **\$3370**.



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• Flow and Level

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• pH and Conductivity

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• Data Acquisition

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters