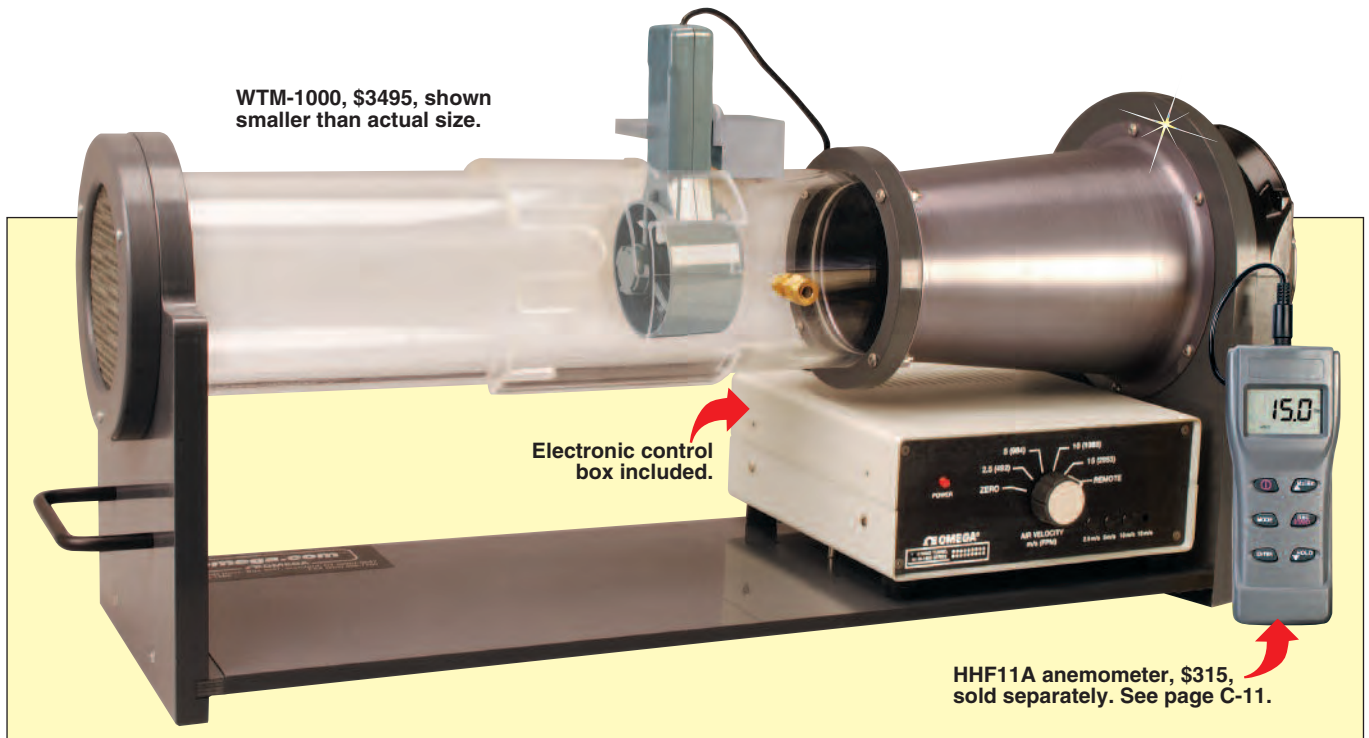




# ECONOMICAL, LABORATORY-GRADE BENCHTOP MINI WIND TUNNEL

WTM-1000, \$3495, shown smaller than actual size.



Electronic control box included.

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

WTM-1000  
**\$3495**



- ✓ 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                        | \$3495 | Laboratory-grade mini wind tunnel |

### Accessory

| Model No.    | Price | Description        |
|--------------|-------|--------------------|
| WTM-1000-CAL | \$375 | NIST recalibration |

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, \$3495 + 375 = \$3870.

Recommended Reference Book: Low-Speed Wind Tunnel Testing, 3rd Edition, FW-1002, \$165. Visit [omega.com/bobi](http://omega.com/bobi) for Additional Books





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