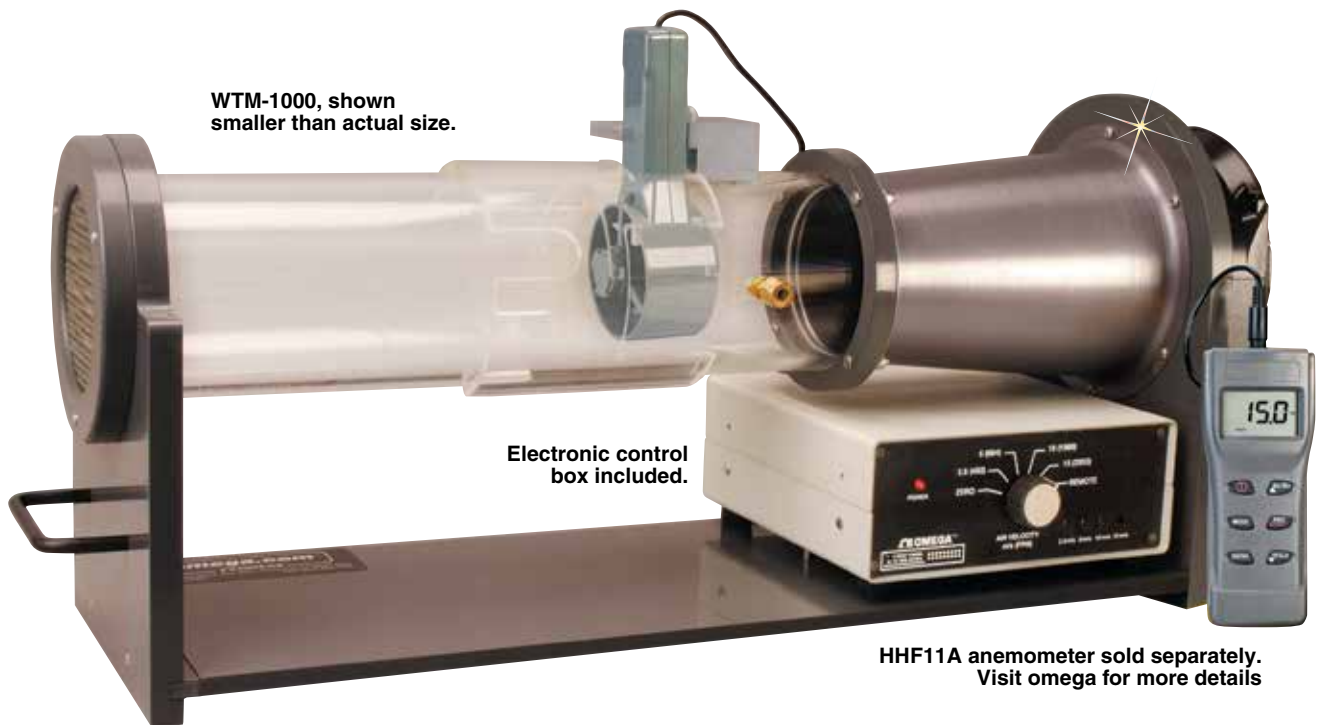


# LABORATORY-GRADE BENCHTOP MINI WIND TUNNEL



## WTM-1000



- ✓ 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 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)

To Order	
Model No.	Description
WTM-1000	Laboratory-grade mini wind tunnel

### Accessory

Model No.	Description
WTM-1000-CAL	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.