Calibration Accessories

The **Model 200-18802 Anemometer Drive** provides a convenient and accurate way to rotate clockwise or counter-clockwise at any rate between 200 and 15,000 RPM in 100 RPM increments. The LCD display id referenced to an accurate and stable quartz timebase. For completely portable operation, the unit can be operated on internal batteries. For extended operation, an AC wall adapter is included.

The **Model 200-18811 Anemometer Drive** is identical to the 200-18802 except the drive motor incorporates a gear reducer for operation in the range of 20 to 990 RPM in 10 RPM increments. The lower range is recommended for cup anemometer calibration.

Specifications

200-18802
Range: 200-15,000 RPM in 100 RPM increments
Rotation: Clockwise or counter-clockwise
Display resolution: 1 RPM
Quartz timebase reference: 0.1 RPM
Power requirements: 2 x 9V (alkaline or lithium) batteries, 115Vac wall adapter included (230Vac add suffix H)

200-18811
Range: 20-990 RPM in 10 RPM increments
Display resolution: 0.1 RPM

Ordering Information

200-18802	Anemometer Drive, 200-15000 RPM
200-18811	Anemometer Drive, 20-990 RPM
add suffix H	230V/50-60Hz input power

200-18802 Anemometer Drive

The **Mode200-l 18112 Vane Angle Bench Stand** is used for benchtop wind direction calibration of the Wind Monitor family of sensors. The mounting post engages the direction orientation notch on the Wind Monitor. An easy to read pointer indicates 0-360° with 0.5° resolution.

The **Model 200-18212 Vane Angle Fixture Tower Mount**, similar to the 200-18112, the tower mount feature allows use on the tower as well as the bench top. The fixture is temporarily placed on the tower between the Wind Monitor and its tower mounting. Index keys and notches are engaged to preserve direction reference.

Specifications

Range: 0-360°
Resolution: 0.5°

Ordering Information

200-18112	Vane Angle Bench Stand
200-18212	Vane Angle Fixture - Tower Mount

200-18112 Vane Angle Bench Stand

Calibration Accessories

The **Model 200-18310 Propeller Torque Disc** checks anemometer bearing torque with 0.1 gm/cm resolution. The disc temporarily replaces the propeller for torque measurement or simple yet accurate pass/fail checks. Charts included with the unit relate torque to propeller threshold with limits for acceptable bearing performance. The **Model 200-18312 Cup-Wheel Torque Disc** checks cup anemometer bearing torque.

The **Model 200-18301 Vane Alignment Rod** helps align the vane of a wind sensor to a known direction reference during installation. The base of the device has an index key that engages the direction orientation notch in the sensor allowing the sensor to be removed without losing wind direction reference.

The **Model 200-18331 Vane Torque Gauge** checks vane bearing torque of Wind Monitor family of sensors. Slip the fixture over the main housing and make simple yet accurate vane torque measurements. Charts relating vane torque to vane threshold provide limits for acceptable bearing performance.

Specifications

200-18310
Range: 0-5.4 gm/cm
Resolution: 0.1 gm/cm

200-18331
Range: 0-50 gm/cm
Resolution: 5 gm/cm

Ordering Information

200-18301	Vane Alignment Rod
200-18310	Propeller Torque Disc
200-18312	Cup-Wheel Torque Disc
200-18331	Vane Torque Gauge

200-18310 Propeller Torque Disc

200-2916 Compass

The **Model 200-2916 Compass** is a rugged, liquid-filled siting compass. It is housed in a sturdy plastic case and has a jewelled pivot for smooth operation and luminous letters for easy reading. A sighting slot, wire hairline, and lens are built-in for precise orientation.

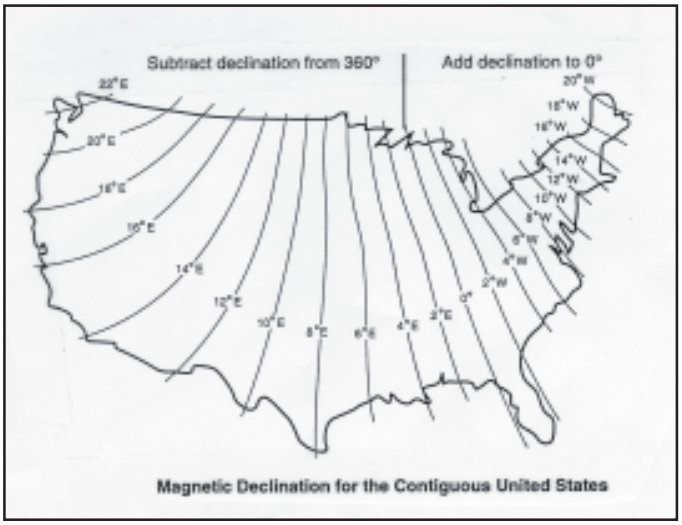
The 200-2916 is used to align various wind direction sensors to true North. Orientation of the wind sensor is done after the weather station is set up. True North is usually found by reading a magnetic compass and applying the correction for magnetic declination, where magnetc declination is the number of degrees between True North and Magnetic North.

Specifications

Size: 2" diameter x 1" thick
Weight/shipping: 3 oz/1 lb

Ordering Information

200-2916	Compass



For converting magnetic bearings to true bearings

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