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PRO Anemometer for AltaCom II

The WSI-PRO-23 Anemometer is a newly designed anemometer that interfaces with our AltaCom II weatherstation. It features superior wind speed resolution and low threshold in an all-digital magnetically-actuated package.

Compared to its predecessor, the WSI-PRO-23 Anemometer features wind cups which are over 4 times larger in profile, for greater accuracy at slow wind speeds; a fin which is over 3 times larger, for optimum directional response; stainless steel cup-retaining clips, and improved sealed proprietary bearings for lower rotational friction, ease of maintenance, and longer life.

Modular Design

The wind cups, the vane and rotor assembly can all be purchased separately.

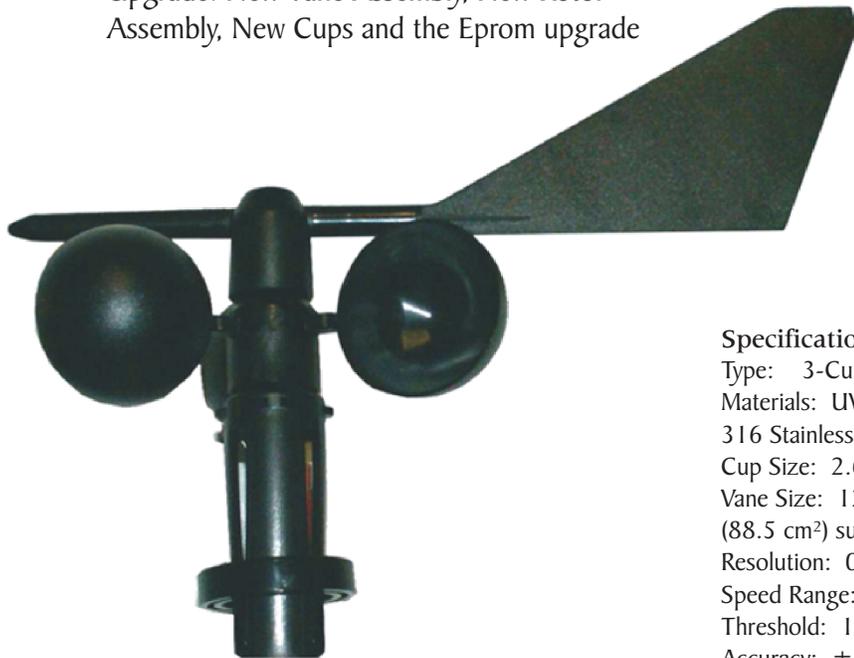
Upgrade Available for Owners of the Old Style Anemometer

Owners of the older WSI-21 (with smaller cups and smaller fin and old style bearings) can upgrade to the new PRO Anemometer without purchasing a complete new unit. The upgrade requires an eeprom change to v. 2.57 in the console for correct anemometer calibration.

Upgrade: New Vane Assembly, New Rotor Assembly, New Cups and the Eeprom upgrade



WSI-PRO-23 Anemometer shown mounted on the AltaCom's PVC Mounting Mast and connected to the Remote Sensor Housing.



Specifications

Type: 3-Cup Anemometer, all digital, magnetically-actuated
Materials: UV-Stabilized Polycarbonate, Acetal, 316 Stainless Steel
Cup Size: 2.6" diameter (6.6cm), 5.3 in² (34cm²) cross-sectional area
Vane Size: 12.9" (32.8cm) overall length, 3.5" (8.9cm) height, 13.8in² (88.5 cm²) surface area
Resolution: 0.1 mph (0.1 km/h, 0.1 m/s, 0.1 knots)
Speed Range: 0.2 to 160.0 mph
Threshold: 1.5 mph (2.4 km/h, 0.6 m/s, 1.3 knots)
Accuracy: ± 2 mph (± 3.2 km/h, ± 0.9 m/s, ± 1.7 knots) or ± 5%, whichever is greater
Direction: Digital magnetic sensor, with ± 5% accuracy
Cable: 2 ft., 4-conductor, unshielded w/modular plug.

WSI-PRO-23 \$205
Upgrade from WSI-21 \$115
(304) 497 2756