The **Model 200-2510 Totalizing Anemometer** is equipped with a counter to provide a simple, yet precise, method of determining average wind speed and total air passage. An internal gear train converts cup rotation to counter input. Average wind speed can be calculated from the difference between successive counter readings divided by the time interval between readings. The 6-digit counter is not manually resettable. The anemometer can typically accumulate wind run for a year or longer (up to 99,999.9 miles or kilometers) before automatically resetting to zero.

The totalizing anemometer also provides an electrical contact output by means of a magnet-activated reed switch. The switch furnishes one closure per 0.1 mile or kilometer. This contact can be used to advance an event recorder or a remote digital counter. A 33-foot length of 2-conductor cable is included to make the necessary connections.

The 4" diameter polycarbonate cups have a threshold of approximately 1 mph. The cups are beaded and are attached to the hub by sturdy arms. The turning radius is 6". Self-lubricating stainless steel bearings support the anemometer shaft.

The flanged base of the instrument is pre-drilled, permitting mounting on a wooden, metal, or concrete support. In an evaporation station the anemometer is typically mounted on the platform supporting the evaporation pan. A mast adapter is available for mounting to a 1.5" (38 mm) o.d. mast.

### Specifications
- Sensor: 3-cup assembly, polycarbonate, 4" diameter cups
- Transducer: Spindle and gear train
- Output: Counter increment and reed switch closure
- Counter type: 6-digit mechanical
- Counter range: 0 to 99,999.9
- Contact rating: 0.4 A at 24 Vdc resistive load
- Resolution (counter and contact): 0.1 mile or 0.1 km
- Sensor range: 0 to 100 mph (0 to 45 m/s)
- Threshold: 1 to 2 mph (0.4 to 0.9 m/s)
- Cup constant: 869 revolutions/mile, 540 revolutions/km
- Materials: Cast aluminum and polycarbonate
- Mounting: Pre-drilled flanged base
- Size: Body: 12" Dia x 16" H (305 mm x 400 mm), Turning radius: 6"
- Weight/shipping: 5 lbs/9 lbs (2.3 kg/4 kg)

### Ordering Information
- 200-2510  Totalizing Anemometer with Electrical Contact, output in miles, includes 33' (10 m) of cable
- 200-2511  Totalizing Anemometer with Electrical Contact, output in kilometers, includes 33' (10 m) of cable
- 200-25101 Mast Adapter, for 1.5" (38 mm) o.d. mast
- 330-0220 Additional Cable, per foot