MK III Specifications

WIND SPEED (ANEMOMETER)
Range: 0 - 150 m.p.h.; 0 - 67 meters per second; 0 - 240 Kilometers per hour; 0 - 130 Knots.
Resolution: 1.0 unit.
Accuracy: ± 2% of full scale.

WIND DIRECTION
Range: Oracle Display has 16 point wind rose, current direction by bright LED, and direction variation by dimmer LED's. Computer interface gives reading in degrees, 360°=North, 090°=East.

TEMPERATURE- Outside
Range: -66° to +166° F; -54° to +74° C.
Accuracy: ± 1° F; ± 0.5° C.

TEMPERATURE- Inside
Range: 32° to +122° F; 0° to +50° C.
Accuracy: ± 1.0° F; ± 0.5° C.

RELATIVE HUMIDITY
Range: 0 to 100 % R.H.
Accuracy: ± 2 % at 25° C. Temperature compensated from from -40° to 85°C

DEW POINT
Range: -40° to +140° F.
Accuracy: ± 2° F, ±1.0° C.

WIND CHILL
Range: to -127° F; to -88° C.
Accuracy: ± 2° F, ±1.0° C.

TEMPERATURE/HEAT INDEX
Range:To 160° F, 71°C.
Accuracy: ± 2.0, ±1.0° C.

BAROMETER
Range: 16.3 inches Hg. to 32 inches Hg; 551 to 1084 millibars (hPa), absolute reading. Digital offset for site altitude.
Accuracy: ± 0.05 inches Hg; ± 1.69 millibars (hPa). Temperature compensated from -40° to 85°C.

RAINFALL
Range: Unlimited Tipping bucket with 8 inch diameter collector.
Resolution: 0.01”; 0.25 mm.
Accuracy: ± 2% at 1.0 inches per hour.

TRANSCEIVERS
Range: Range may be reduced by walls or other RF absorbing structures. Each WS-2000 system is factory tested at 433 feet through our 2 factory walls.
Frequency: 418 MHz. F.C.C. approved.