Item P23-0102

Kestrel 5400 Heat Stress Pro with Compass and LiNK + Vane Mount

The Kestrel 5400 is revolutionary in size, cost and capability for those in need of measuring Heat Stress. Along with having a Wet Bulb Global Temperature reading, the Kestrel 5400 displays thermal work limit ("TWL"), another recognized composite heat stress prediction tool. For both WBGT and TWL, the Kestrel 5400 provides on-screen alarms when conditions enter the caution and danger zones, providing clear and immediate guidance that heat illness prevention steps must be taken. Clothing levels can also be customized, making the Kestrel 5400 particularly useful in activities requiring heavy protective gear which worsens heat stress.

Kestrel Meter 5400 Heat Stress Meter measures/features:

Wet Bulb Globe Temperature ("WBGT")
Thermal Work Limit ("TWL")
Waterless! Natural Wet Bulb Temperature accurately calculated from on-board digital sensors with no tedious setup or maintenance.
Large, hi-res, hi-contrast, graphic display is perfectly readable in the brightest sunlight and is backlit for use in low-light conditions.
Globe Temperature
Naturally Aspirated Wet Bulb Temperature
Wind Speed (Current, Average, & Maximum)
Altitude
Pressure trend
Barometric pressure
Relative humidity in %
Heat stress index
Dewpoint
Wet bulb temperature
Density altitude
Wind chill
Air, water, and snow temperature °F or °C
Waterproof and floats
Time and date
Easy- to-read backlit display
Data Logger (automatic and manual)
Customizable data storage - 2900 data points
Customize screens to display user-selected measurements
Graph and recall trends
Data charting
Upload to a computer (with optional interface)
Meets MIL-STD-810F 516.5 Procedure IV Transit Shock test - 20 drops from 5 ft. IP-67 sealed to exclude dust and water at 3 ft. submersion
Five languages (English, French, Spanish, German, and Italian)
US Patent Nos. 5,783,753 and 5,939,645 and 6,257,074

Item	Description	Attributes
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