

Hand-held weather station HWS3000

Instruments for:
METEOROLOGY
HYDROLOGY
WATER QUALITY
AIR QUALITY
AIR & GASFLOW

KRITECH



HWS3000 Hand-held weather station

HWS3000 is a well-designed, portable and professional handheld weather station, supporting measurement of temperature, humidity, pressure, wind speed and wind direction. The design meets the strict requirement of ergonomics and aeronautical meteorology, adopting the concept of modular, fixed and digital sensor, creating the structure design on traditional automatic weather station, greatly improving its protective capacity and durability. High-strength UV-resistant ABS plastic alloy makes possible long-term exposure under solar radiation. Highly integrated electronic circuit design makes possible small size body contains several times of functions, making outdoor meteorological observation more convenient.

HWS3000 Handheld Weather Station is widely used in the meteorological observations of aviation & navigation, airdrop & air-landing, nuclear-chemical monitoring, transportation observation, emergency rescue, mobile meteorology, etc.

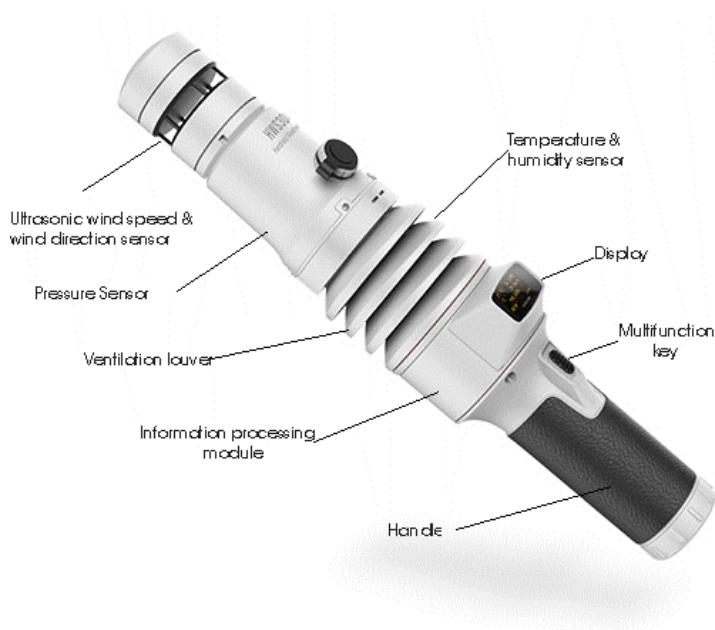
General information :	
Communication ports	RS232/485, BT, Wi-Fi*
Pressure calibration port	Ø 5 port
Power supply	100...240 VAC / 50/60Hz / 1,3 A
Battery	18650×3
Battery life	Continuous work for 8 hours
Working environment	-30°C...50°C / 10%...95%RH (non-condensing)
Dimensions	Ø 82,0 mm x 413,5 mm
Weight	1,0 kg

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Technical data :		
Wind speed	Measuring range	0...50 m/s
	Accuracy	±0,5 m/s (0...15m/s) / ±4% (>15 m/s)
	Resolution	0,1 m/s
Wind direction	Measuring range	0...360 degrees
	Accuracy	±2° (deviation ≤ ±10°) / ±4° (deviation > ±10°)
	Resolution	1 degree
Temperature	Measuring range	-30°C...+50°C
	Accuracy	±0,2°C (5°C...35°C) / ±0,3°C (<5°C & >35°C)
	Resolution	0,1°C
Humidity	Measuring range	0...100%RH
	Accuracy	±3%RH (10%...90%) / ±5% (90%...100%)
	Resolution	0,1%RH
Barometric pressure	Measuring range	300...1100 hPa
	Accuracy	±3% hPa (0°C...50°C) / ±0,5 hPa (-30°C...0°C)
	Resolution	0,1 hPa



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Integrated display :

High-bright Display

Wide temperature range and high-bright OLED display, suitable for outdoor work
Support multiple elements display on one page



External display :



External Display

Support robust wrist PDA

App for Android :



Transport case :

