



Windcrop

Technical data sheet

Technical description



Technical data

Measurements

Wind speed	Principle of operation	Mechanical cup anemometers
	Operating temperature range	0 – +65 °C
	Measurement range	0 – 160 km/h
	Accuracy	The most important between ± 3 km/h or $\pm 5\%$
	Resolution	0.5 km/h
Wind direction	Measurement range	0 – 359°
	Accuracy	$\pm 3^\circ$
	Resolution	1°
	Principle of operation	Potentiometer

Mechanical characteristics

Mast + Tripods	Material	Stainless steel
	Dimensions	Length 170 cm Diameter 30 mm
	Weight	3 kg
Wind gauge	Material	UV-resistant ABS
	Dimensions	Length 55 cm Height 65 cm Width 14 cm
Support plate	Material	Stainless steel

General

Battery	2 Batteries	Lithium-Thionyl Chloride - 19Ah - 3.6V
	Temperature range	-40°C to +85°C
Other sensors	Accelerometer	
	GPS	
Communication	Network	Sigfox (868 MHz)
	Data transmission period	Every 20 minutes