

GMX200 Compact Weather Station

MaxiMet is an advanced compact weather station system using proven technology to measure meteorological and environmental parameters to international standards.

MaxiMet incorporates all the measurement parameters that meet the requirements of users in demanding applications where cost, quality and performance are essential.

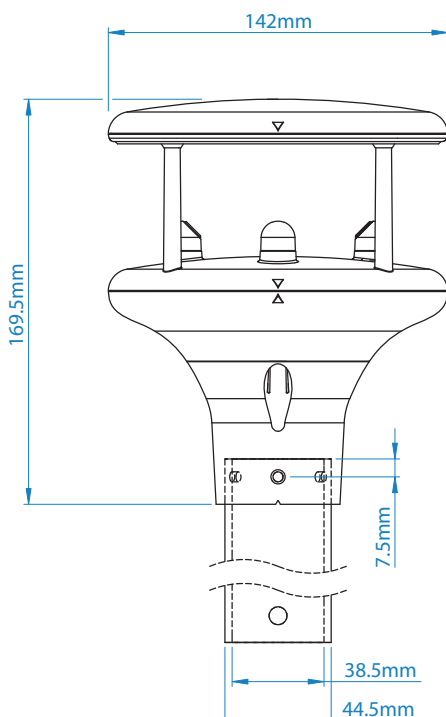
With features including wind, precipitation, solar radiation, temperature, humidity, pressure, low power 'Eco Mode', GPS, compass, Bluetooth and many more, **MaxiMet** is unique in its ability to provide the widest number of measurements and output protocol options making it easy to install and use with zero maintenance.

GMX200 Features

Wind. Wind speed and direction measurements are provided via an ultrasonic sensor and the addition of an electronic compass provides apparent wind measurements. Average speed and direction together with WMO averages and gust data is also provided. Add GPS (optional) to provide true wind and other features.



WIND	GPS (OPTION)	PARAMETERS
<ul style="list-style-type: none"> Wind speed & direction Apparent and true wind (with GPS) WMO wind averages and gust Compass GPS (optional) gives height above sea level, latitude and longitude 	<ul style="list-style-type: none"> Height above sea level <i>m</i> Sunrise/sunset Position of the sun Twilight MSL pressure 	<ul style="list-style-type: none"> Wind speed <i>m/s, km/hr, mph, kts, ft/min</i> Wind direction ° True/apparent wind Outputs <i>RS232, 422, 485 (ASCII), SDI-12, NMEA, MODBUS, Analogue (option)</i>



All MaxiMet Models Feature

- Quality Measurements
- Lightweight and Robust
- Low Power Mode
- Free of Charge Software
- Gill Proven Reliability
- Compact Integrated Design
- Real Time Output
- Easy Installation
- Bluetooth Service Port
- Gill Customer Support
- 2 Year Warranty

Applications

- Building and Industrial Controls
- Authorities
- Transport
- Coastal
- Agricultural
- Safety
- Educational
- Commercial
- Energy

WIND SPEED	
Range	0.1 m/s to 60 m/s
Accuracy	± 3% to 40 m/s, ± 5% to 60 m/s
Resolution m/s	0.01
Starting Speed	0.1 m/s
Sampling Rate	1 Hz
Units	m/s, km/hr, mph, kts, ft/min

WIND DIRECTION	
Range	0-359°
Accuracy	± 3° to 40 m/s ± 5° to 60 m/s
Resolution	1°
Sampling Rate	1 Hz
Units	Degrees

OUTPUTS	
Output rate	1/s, 1/min, 1/hr
Digital Comms Modes	Serial RS232, RS422, RS485, SDI-12, NMEA, MODBUS, ASCII
Analogue Outputs	Available via separate optional device

POWER	
Power Supply	5 to 30 Vdc
Power (Nominal) 12 Vdc	25 mA continuous high mode. 0.05 mA eco-power mode (1 hour polled)

ENVIRONMENTAL CONDITIONS	
IP Rating	66
Operational Temperature Range:	-40°C to +70°C
EMC Standard:	BS EN 61326 : 2013 FCC CFR47 parts 15.109
CE Marking	YES
RoHS compliant	YES
Weight	0.5 Kg
Origin	UK