The MaxiMet range of compact weather stations is designed and manufactured by Gill Instruments. MaxiMet products use reliable, high quality instruments to provide accurate meteorological information in a wide variety of applications.

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.

<table>
<thead>
<tr>
<th>WIND</th>
<th>GPS (OPTION)</th>
<th>PARAMETERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind speed &amp; direction</td>
<td>Height above sea level m</td>
<td>Wind speed m/s, km/hr, mph, kts, ft/min</td>
</tr>
<tr>
<td>Apparent and true wind (with GPS)</td>
<td>MSL pressure</td>
<td>Wind direction °</td>
</tr>
<tr>
<td>WMO wind averages and gust</td>
<td>Sunrise/sunset</td>
<td>True/apparent wind</td>
</tr>
<tr>
<td>Compass</td>
<td>Position of the sun</td>
<td>Angle of Tilt</td>
</tr>
<tr>
<td>GPS (optional) gives height above sea level, latitude and longitude</td>
<td>Twilight</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Solar Noon</td>
<td></td>
</tr>
</tbody>
</table>

GMX200 Features:

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

* Please see the manual for a full list of derived parameters
**Applications**
- Building and Industrial Controls
- Authorities
- Transport
- Coastal
- Agricultural
- Safety
- Educational
- Commercial
- Energy

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

### 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

### ENVIRONMENTAL CONDITIONS
- **IP Rating**: 66
- **Operational Temperature Range**: -40°C to +70°C
- **EMC Standard**: BS EN 61326-2-1:2013, FCC, CFR Title 47, Part 15, Subpart B, Class A digital device
- **CE Marking**: YES
- **RoHS compliant**: YES
- **Weight**: 0.5 Kg
- **Origin**: UK

### POWER
- **Power Supply**: 5 to 30 Vdc
- **Power (Nominal)**: 12 Vdc
- **Power (Continuous high mode)**: 25 mA
- **Power (0.7 mA eco-power mode)**: (1 hour polled)

### WIND DIRECTION
- **Range**: 0-359°
- **Accuracy**: ± 3° to 40 m/s, ± 5° to 60 m/s
- **Resolution**: 1°
- **Starting Threshold**: 0.05 m/s
- **Sampling Rate**: 1 Hz
- **Units**: Degrees

Specifications may be subject to change without prior notice.

---

Gill Instruments Limited
Saltmarsh Park, 67 Gosport Street
Lymington, Hampshire SO41 9EG
United Kingdom
Tel: +44 (0) 1590 613 500
Fax: +44 (0) 1590 613 501
contact@gillinstruments.com

Gill Instruments Limited, Reg No. 2281574
Registered Office: Towngate House, 2-8 Parkstone Road, Poole. BH15 2PW

Copyright © Gill Instruments 2019

gillstruments.com