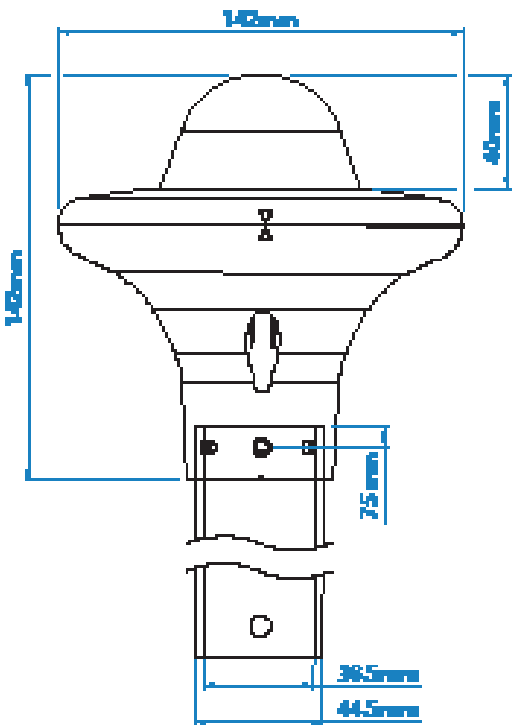


GMX100 Compact Weather Station

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.

GMX100 Features

**Precipitation.** An integrated optical rain gauge that automatically senses water hitting its outside surface and provides measurements based on the size and number of drops. Algorithms interpret this data and simulate the output of a tipping bucket rain gauge in a serial format. The optical rain gauge has no moving parts associated with tipping bucket gauges.



| PRECIPITATION  | PARAMETERS   |
|--|--|
| <ul style="list-style-type: none"><li>▪ Rainfall total</li><li>▪ Rainfall intensity</li><li>▪ Rainfall Y/N</li><li>▪ Emulated tipping bucket</li><li>▪ Integrated heater</li><li>▪ No moving parts</li></ul> | <ul style="list-style-type: none"><li>▪ Precipitation<br/>mm/hr, mm/total, mm/24 hr<br/>in/hr, in/total, in/24 hr</li><li>▪ Outputs<br/>RS232, 422, 485 (ASCII), SDI-12, NMEA, MODBUS, Analogue (option)</li></ul> |

All MaxiMet Models Feature

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

## Applications

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

### PRECIPITATION

|                          |  |
|--------------------------|--|
| Measurement type         | Optical  |
| Range                    | 0-150 mm/hr  |
| Precipitation Resolution | 0.2 mm   |
| Accuracy                 | 2%   |
| Sampling Rate            | 1 Hz   |
| Units                    | mm/hr, mm/total, mm/24 hr, in/hr, in/total, in/24 hr |
| Heating                  | YES  |

### 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 | 80 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<br>FCC CFR47 parts 15.109 |
| CE Marking                     | YES  |
| RoHS compliant                 | YES  |
| Weight                         | 0.3 Kg                                       |
| Origin                         | UK   |

Specifications may be subject to change without prior notice

# GILL

## 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  
anem@gillinstruments.com



**gillinstruments.com**

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Gill Instruments Limited, Reg No. 2281574  
Registered Office: The George Business Centre, Christchurch Road, New Milton, BH25 6QJ