

GMX300 Compact Weather Station

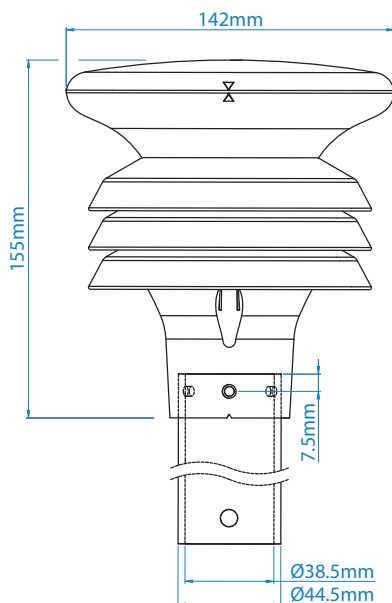
MaxiMet is an advanced compact weather station system using proven technology to measure meteorological and environmental parameters to international standards.

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.

GMX300 Features

Temperature, humidity, pressure. A combined instrument mounted inside three double louvered, naturally aspirated radiation shields with no moving parts. The results are high performance across each measurement over long periods of time.



TEMP, HUMIDITY & PRESSURE	PARAMETERS
<ul style="list-style-type: none"> ▪ Air Pressure / Temperature ▪ Relative / Absolute humidity ▪ Naturally aspirated UV stable radiation shield ▪ Protection against wind-blown precipitation/dust 	<ul style="list-style-type: none"> ▪ Temperature °C / °F / °K ▪ Relative humidity % Rh, g/m³ g/kg ▪ Barometric pressure hPa, bar, mm Hg ▪ Wet bulb temperature °C / °F / °K ▪ Absolute humidity g/m³ ▪ Air density kg/m³ ▪ Outputs RS232, 422, 485 (ASCII), SDI-12, NMEA, MODBUS, Analogue (option)

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

TEMPERATURE

Range	-40°C to +70°C
Resolution	0.1
Accuracy	± 0.3°C @ 20°C
Sampling Rate	1 Hz
Units	°C, °F, °K

PRESSURE

Range	300 to 1100
Resolution	0.1 hPa
Accuracy	± 0.5 hPa @ 25°C
Sampling Rate	1 Hz
Units	hPa, bar, mmHg, inHg

POWER

Power Supply	5 to 30 Vdc
Power (Nominal) 12 Vdc	10 mA continuous high mode. 0.05 mA eco-power mode (1 hour polled)

HUMIDITY

Range	0-100%
Resolution	1%
Accuracy	± 2% @ 20°C (10%-90% RH)
Sampling Rate	1 Hz
Units	% Rh, g/m3, g/Kg

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 : 2013 FCC CFR47 parts 15.109
CE Marking	YES
RoHS compliant	YES
Weight	0.5 Kg
Origin	UK

DEW POINT

Range	-40°C to +70°C
Resolution	0.1
Accuracy	± 0.3°C @ 20°C
Units	°C, °F, °K
Sampling Rate	1 Hz