



MaxiMet is an advanced compact weather station designed and manufactured by Gill Instruments 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 such as 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 which makes it easy to install, easy to use and it is zero maintenance.

MaxiMet is the weather station chosen for any application by customers who want a cost effective and reliable compact weather station.

KEY BENEFITS

- Consistent high quality measurements
- Measure all parameters with a single instrument
- Cost effective
- Gill proven quality and reliability
- Plug and play
- Easy to use software
- Bluetooth communications
- Easy installation
- Robust construction
- No moving parts
- Minimal maintenance
- Access to Gill customer support

		GMX 100	GMX 200	GMX 300	GMX 301	GMX 400	GMX 500	GMX 501	GMX 600	GMX 700
FEATURES	<p>All MaxiMet models feature Bluetooth & low power Eco Mode</p>	Precipitation	Wind	Temperature Humidity Pressure	Temperature Humidity Pressure Solar Radiation	Temperature Humidity Pressure Precipitation	Wind Temperature Humidity Pressure	Wind Temperature Humidity Pressure Solar Radiation	Wind Temperature Humidity Pressure Precipitation	Wind Temperature Humidity Pressure Solar Radiation Precipitation
	WIND		○ ● ○ ● ● ●				○ ● ● ● ●	○ ● ● ● ●	○ ● ● ● ●	○ ● ● ● ●
TEMP / RH / PRESSURE	Heat index Air density (kg/m ³) Absolute humidity (g/m ³) Wet bulb temperature Mean sea level pressure**			● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
PRECIP	Rain gauge over Bluetooth 24 hr total precipitation	●				●		●		●
SOLAR	24hr sunshine hours Sunrise / sunset* Position of sun* Twilight*				●			● ○ ○ ○		● ○ ○ ○
DIRECTION / POSITION	Compass <i>Provides apparent wind for stationary stations</i> GPS <i>Provides lat/long/altitude/ground speed/ true wind as well as position necessary for other derived parameters</i>		● ○				● ○	● ○	● ○	● ○
POWER & OUTPUTS	Serial RS232, RS422, RS485, SDI-12, ASCII, NMEA, MODBUS Analogue Bluetooth communications Low power Eco Mode	● ○ ● ●	● ○ ● ●	● ○ ● ●	● ○ ● ●	● ○ ● ●	● ○ ● ●	● ○ ● ●	● ○ ● ●	● ○ ● ●

● Included * Requires GPS
○ Optional + Requires manual input if no GPS

KEY FEATURES

Compact Weather Station

Integrated Design

Wide Range of Models to Suit Every Application

Measurements to International Standards: WMO, DIN ISO 9060

Low Power Eco Mode

Widest Range of Parameters*

Wireless Communications

Maintenance Free – No Moving Parts

Protocols: Modbus, SDI-12, NMEA, ASCII, Analogue

* wind speed and direction, air temperature, relative/absolute humidity, pressure, precipitation, solar radiation, GPS 3D coordinate/MSL pressure/true wind/clock/longitude and latitude/sunrise/sunset/twilight, ground speed, compass 2D coordinate/apparent wind, location, height above sea level, averaging (WMO), gust (WMO), air density, barometric pressure, wet bulb, dew point, wind chill, wind data quality %, heat index and more...

APPLICATIONS

Building and Industrial Controls

Green environmental controls, intelligent building management, heating ventilation and air conditioning (HVAC), environmental monitoring, risk mitigation, decision making, planning, resources management, pollution control.

Authorities

Flood management, recreational activities, safety and environmental management, parks and recreational facilities.

Transport

Railways, harbours, roads, bridges, tunnels, airports, helipads, inland waterways.

Coastal

General marine usage, ports and harbours, flood management, commercial and domestic usage.

Agricultural

Cultivation and management of plants and animals, crop spraying, greenhouse controls, hydroponics, aquaponics, biotechnology, pest control, automated systems, forecasting.

Safety

Theme parks, scaffolding, ride safety, maximise operation times, temporary installations.

Educational

Educational weather stations, green energy projects, schools, universities, museums, visitor centres, cultural sites.

Commercial

Insurance risk management, integration with complementary technology, eg dust and noise.

Energy

Site profiling, yield monitoring, forecasting, automated controls.

Safety and Environment

Statutory Obligations

Land/Sea/Air

Onshore and Offshore

Farming and Research

Event Management

Schools and Colleges

Extreme Weather

Solar/Wind/Wave

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