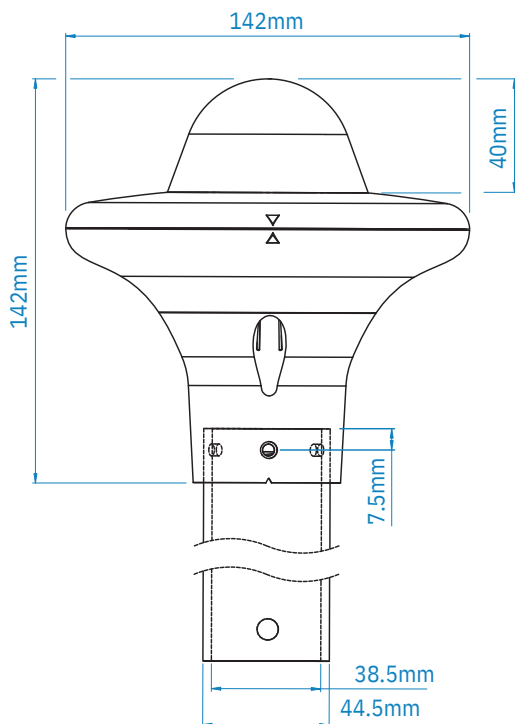


GMX100 Compact Weather Station

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
Rainfall total	Precipitation
Rainfall intensity	mm/hr, mm/total, in/hr, in/total
Rainfall Y/N	Outputs
Emulated tipping bucket	RS232, 422, 485 (ASCII), SDI-12, NMEA, MODBUS, Analogue (option)
Integrated heater	
No moving parts	

All MaxiMet Models Feature

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

Applications

Building and Industrial
Controls Authorities
Transport

Coastal
Agricultural
Safety

Educational
Commercial
Energy

PRECIPITATION	
Measurement type	Optical
Range	mm/hr
Precipitation Resolution	0. mm
	%
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
Anatogue Outputs	Available via separate optional device

POWER	
Power Supply	5 to 30 Vdc
Power (Nominal) 12 Vdc	mA continuous high mode. 0. 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	0.3 Kg
Origin	UK

Specifications may be subject to change without prior notice

InstruFiber

INSTRUMENTAÇÃO E FIBRA ÓPTICA

11 4172-0606

11 4386-0362