



TRUMET PW100

High accuracy, low maintenance solid-state optical rain gauge.

PRODUCT OVERVIEW

Gill's TruMet PW100 is an ultra-reliable, low-maintenance alternative to traditional tipping bucket rain gauges. It delivers accurate rainfall data as a standalone unit or when combined with our MetConnect or MaxiMet weather station ranges, including the fully integrated MaxiMet GMX603.

With no moving parts, TruMet PW100 is a plug-and-play solution designed to replicate the output of a conventional tipping bucket, without the burden of maintenance or recalibration.

KEY FEATURES & BENEFITS

- 01** High quality, accurate, solid-state liquid precipitation sensor.
- 02** Minimal maintenance requirement.
- 03** Extensively tested and designed to deliver accuracy with high correlation to tipping bucket measurement.
- 04** High quality measurement data due to unique sensor technology and extensive design testing and verification.
- 05** Less susceptible to debris blockage and requiring less maintenance than a tipping bucket.
- 06** Minimal set-up required and easily integrates with existing systems.

TYPICAL APPLICATIONS

- Hydrometeorology
- Flood monitoring
- Environmental monitoring
- Agriculture
- Water management
- Infrastructure projects

TruMet PW100 measures liquid precipitation using high accuracy optic technology.



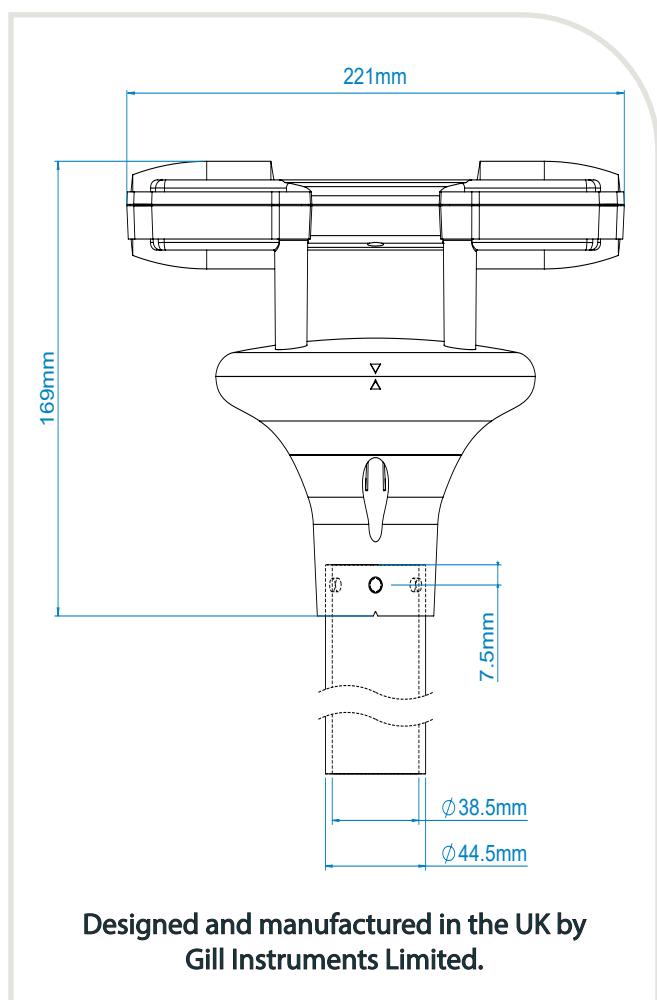
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TECHNICAL SPECIFICATION

Precipitation	
Measurement type	Optical
Accuracy	≤ 5%
Tip size	0.1 mm
Measurement surface area	66 X 20 mm
Intensity range	0 to 200 mm/hr
Precipitation types	Liquid precipitation

Warranty	
Warranty	24 months



Outputs	
Pulse	Tip 0.1mm

Power Supply	
Input voltage	5-30VDC
Average current consumption @ 12VDC	Typically ≤ 24mA

Mechanical	
Construction	UV stabilised thermoplastic
Fittings	Fit to 44.45mm (1.75in) pole or mast
Weight	0.67 kg
Connector type	8-way M12 connector

Environmental	
Protection Class	IP66
Operating temp.	-35°C to +70°C
Measurement temp.	0°C to +70°C*
Storage temp.	-40°C to +70°C

*Unit only accurately measures liquid precipitation

Compatible with other Gill products	
MetConnect	
MaxiMet GMX550	
MaxiMet GMX551	

Standard Equipment (supplied with product)	
Optical precipitation sensor	
Mating connector	
User manual*	
*downloadable from gillinstruments.com	



MORE INFO