



# GILL

## 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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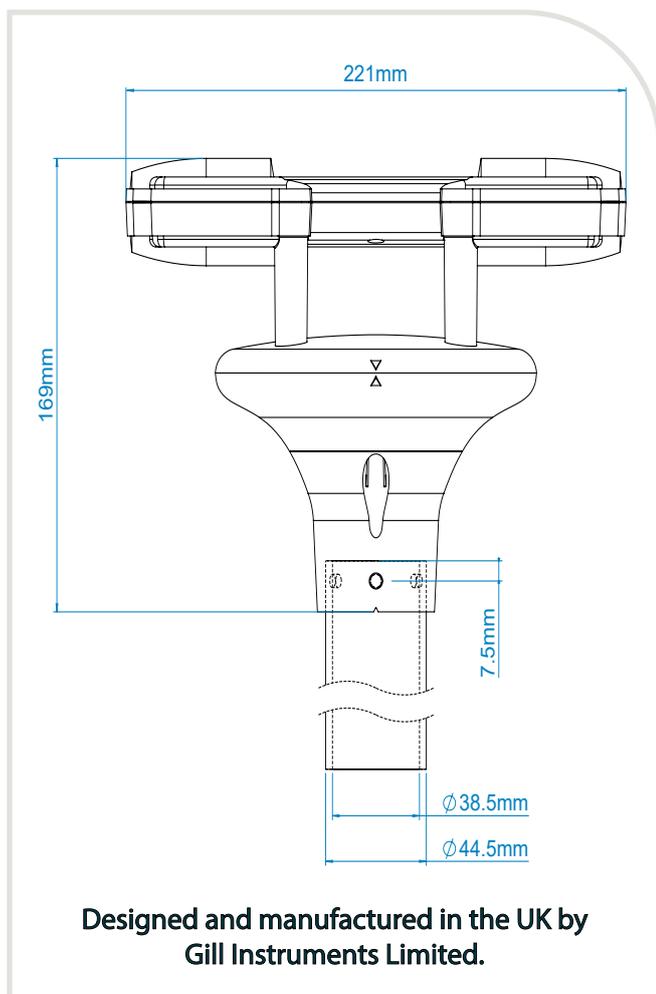
## TECHNICAL SPECIFICATION

### 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
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### Outputs

Pulse	Tip 0.1mm
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### 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](http://gillinstruments.com)



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## MORE INFO

For more information about Gill's optical rain gauges or weather stations, please email [contact.gi@gill.group](mailto:contact.gi@gill.group)