

# TIPPING BUCKET FLOW GAUGE Model TB6/40



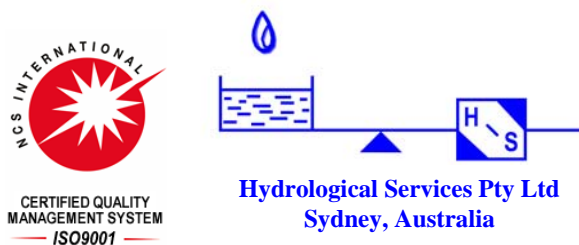
**TB6/40 with (optional) logger installed**  
**Note: Logger Not Supplied**

## Features

- Robust Construction
- Maximum Flow Measurement 3 Litres/Minute
- Dual Reed Switch
- Suitable for Pipe Flow Measurement and water drain measurement
- Bucket Tip Volume set at 40 mls per tip
- Brass Metal Bucket Assembly
- Suitable for Harsh Environment

## Description

The Hydrological Services Flow Gauge Model TB6/40 is used for measuring water flow coming out of a pipe or a drain. The unit comes with a dual reed switch, thus, when connected to a Hydrological Services data logger, the data can be stored and collected when required. In addition, the flow gauge can be telemetered by connecting one of the hydrological services data loggers to a GSM or PSTN modem



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## Applications

- Connected to a data logger for collection and storage



- Connected to a data logger and a modem for telemetry



- Connected to a TRD (Total Rainfall Display)



## Specifications

Material:  
Base: injection moulded non-hydroscopic ABS plastic UV stabilised.  
Receiver: 200 mm + 0.3 diameter heavy duty cast aluminium, Powder coated.  
Bucket: 40 mls per tip, Brass Metal coated.  
Reed Switch: dual reed switches potted in soft silicon rubber with varistor protection.

- Max Capacity: 24 VDC (0.5 amp max.)  
- Resistance: Initial contact resistance 0.1  $\Omega$   
- M.T.B.F:  $10^8$  to  $10^9$  Operations

Flow Rate: Maximum 3 litres/minute.

Accuracy:

Flow Rate	%Error
0.5 litre/min	-2%
1.0 litre/min	-8%
2.0 litre/min	-14%
3.0 litre/min	-20%

Dimensions: Height 330mm, 130mm Diameter  
Weight: 2.25 Kgs

## Accessories

- Minilog Digital Data Logger
- WinComLog
- Modem ( GSM or 3G or PSTN)
- TRD Counter