

# TRUEBLUE



255 LEVEL applications:

## 255 LEVEL

gage height

slug test

aquifer characterization

stormwater

wave height

ESTUARIES

WETLANDS

tide & harbor gauging

pump test

stage gauging

storm surge

water shed

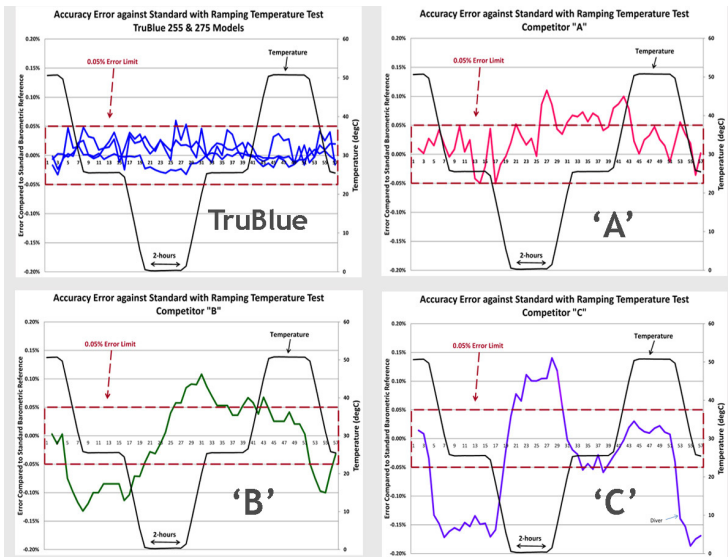
aquifer recharge  
monitoring

LAKES & RESERVOIRS

river and stream

### 255 LEVEL features:

- Level Accuracy of  $\pm 0.05\%$  FS TEB
- Calibration report included with each instrument
- <1 cm accuracy error up to 10m H<sub>2</sub>O
- Standard 8 MB internal memory for up to 550,000 datapoints
- Optional 56 MB internal memory for up to 3.7 million datapoints
- Up to 8 HZ rapid sampling mode
- Optional battery pack for rapid sampling
- High-speed data extraction

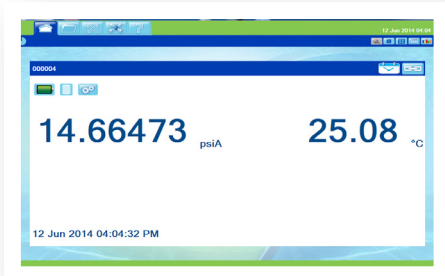


## Expanded Memory for Rapid Sampling Applications:

TruBlue™ 255 LEVEL customers can choose between two internal memory choices - 8MB and 56MB. The chart at the right illustrates memory capacity for various sampling rates.

- Sampling rates and sampling periods are completely programmable with TruWare™ user software.
- Standard 8MB memory can support up to eight days of 1 Hz sampling.
- Expanded 56MB memory can support 58 days of 1 Hz sampling and 14 days of 4 Hz sampling.
- Compare to other level data loggers with 4 MB, 1 MB or even less memory.

Don't get caught short while you are out in the field...

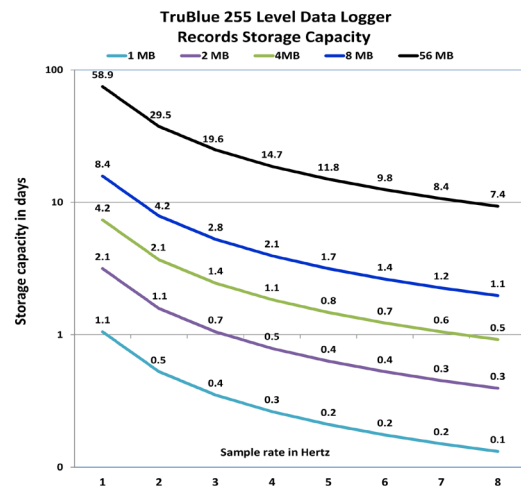


## Accuracy, Precision and Stability:

The TruBlue™ 255 LEVEL and 275 BARO data loggers provide outstanding accuracy over their operating temperature range. Other data level loggers state accuracy at fixed temperatures but field applications, inventory and transportation temperature conditions can vary significantly, potentially inducing hysteresis. Each TruBlue™ unit is thoroughly tested and ships with a 48 point (8 pressure points at 6 temperatures) calibration report.

We tested three TruBlue™ units and three competitive level data loggers for accuracy across the operating temperature range. Only the TruBlue™ units consistently remained within  $\pm 0.05\%$  accuracy specification signified by the red dashed box.

We have been manufacturing water level transducers and the high accuracy pressure sensors inside for over 25 years. That is why water resource professionals trust Measurement Specialties' TruBlue™ Data Loggers for their water level and barometric pressure measurement needs.



## Each unit comes with user-friendly TruWare software at no charge:

- Program tests (customized data collection schedules) for connected level data loggers
- View, graph, and export test data
- Easy to use in the field or office
- Synchronize computer and level data logger clocks
- Easy barometric conversion for accurate water level reading, fully compensated for barometric pressure, temperature and water density

## TruBlue™ 255 Level Ordering Information

Model 8MB Memory	Model 56MB Memory	Material	Range (PSI)	Label
255-00320	255-70320	SS	22	0-5.1m, 0-16.8 ft.
255-00330	255-70330	Titanium	22	0-5.1m, 0-16.8 ft.
255-00420	255-70420	SS	30	0-10.8m, 0-35.3 ft.
255-00430	255-70430	Titanium	30	0-10.8m, 0-35.3 ft.
255-00520	255-70520	SS	50	0-24.8m, 0-81.5 ft.
255-00530	255-70530	Titanium	50	0-24.8m, 0-81.5 ft.
255-00620	255-70620	SS	100	0-60m, 0-196.8 ft.
255-00630	255-70630	Titanium	100	0-60m, 0-196.8 ft.
255-00720	255-70720	SS	125	0-77.6m, 0-254.5 ft.
255-00730	255-70730	Titanium	125	0-77.6m, 0-254.5 ft.
255-00820	255-70820	SS	300	0-200.6m, 0-658.3 ft.
255-00830	255-70830	Titanium	300	0-200.6m, 0-658.3 ft.

## TruBlue™ Accessories

852-XXXX, Configurable Length of Suspension Wire

852-00005, 316 SS Backshell for Auxiliary Battery Pack

852-01005, Titanium backshell for Auxiliary Battery Pack

852-00805, Auxiliary Battery pack for Rapid Sampling

850-00857, USB to Backshell Communications Cable

