

TAKING PRECISION TO A WHOLE NEW LEVEL.

TRU BLUE™

555 LEVEL



555 LEVEL features:

- Level Accuracy of $\pm 0.1\%$ FS TEB
- Calibration report included with each instrument
- Five year permanent battery
- New fully sealed design
- Two year warranty
- 8 MB internal memory
- New user-friendly TruWare software for PC or Mobile
- Easier set-up and data retrieval
- Displays real-time instrument status and data graphs

555 LEVEL applications:

storm water slug test wave height
remediation HARBORS AND CANALS ESTUARIES
pump test flood and storm surge
lakes and reservoirs WETLANDS dewatering
TIDE GAUGING rivers and streams

TRUBLEU 555 LEVEL

Specifications

With our highly accurate KPSI level transducers, Pressure Systems has long set the standard for top-quality environmental monitoring instruments. Now our next generation of transducer models—the TruBlue series—combines precision, performance, and rugged reliability like no other instrument available today. Designed to deliver time and time again in even the harshest conditions, the 555 Level is battery powered and made with 316 stainless steel or titanium. Its fully sealed design and advanced, power-conserving microcomputer technology enables it to log level (depth) and temperature for up to five years. Since these units do not require onsite power, nor a programmable logic controller (PLC), a terminal box isn't necessary. The TruBlue 555 Level is the perfect choice when reliability and precision matter.

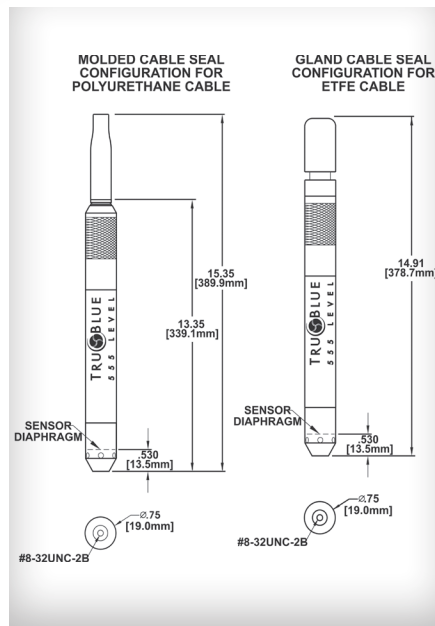


Each unit comes with user-friendly software at no charge.

- View, graph, and export test data.
- Manage transducers by site.
- Use in the field or office.

Order Information

PART NUMBER	RANGE (PSI)	REFERENCE	MATERIAL	LABEL
555-00100	5	V	S	11.5ft/3M
555-00110	5	V	T	11.5ft/3M
555-00200	15	V	S	35ft/10M
555-00210	15	V	T	35ft/10M
555-00300	22	V	S	50ft/15M
555-00310	22	V	T	50ft/15M
555-00400	30	V	S	59ft/21M
555-00410	30	V	T	59ft/21M
555-00420	30	A	S	35ft/10M
555-00430	30	A	T	35ft/10M
555-00500	50	V	S	115ft/35M
555-00510	50	V	T	115ft/35M
555-00520	50	A	S	81ft/23M
555-00530	50	A	T	81ft/23M
555-00600	100	V	S	231ft/70M
555-00610	100	V	T	231ft/70M
555-00620	100	A	S	196ft/56M
555-00630	100	A	T	196ft/56M
555-00700	125	V	S	288ft/87M
555-00710	125	V	T	288ft/87M
555-00720	125	A	S	254ft/72M
555-00730	125	A	T	254ft/72M
555-00800	300	V	S	692ft/211M
555-00810	300	V	T	692ft/211M
555-00820	300	A	S	658ft/188M
555-00830	300	A	T	658ft/188M



MANUFACTURER PSI TRUBLEU		PSI MODEL TRUBLEU 555	
SENSORS - LEVEL			
Sensor Type		Oil-filled Piezoresistive	
Sensor Material		316 SS or Titanium	
Range (psi)	Low	5	
	High	300	
Accuracy	0-50°C	±0.1% FS TEB	
Resolution		0.01% FS or better	
Burst		3X FS (600 psi max)	
Accuracy is stated as total error band (TEB). This includes the combined errors due to non-linearity, hysteresis, non-repeatability and thermal effects.			
SENSORS - TEMPERATURE			
Sensor Type		Embedded NTC Thermistor	
Range (°C)	Low	0	
	High	50	
Accuracy		±0.2°C	
Resolution		0.01°C	
PHYSICAL			
Diameter	inches	0.75	
Length	inches	15.35	
Weight	oz.	12	
Housing Material		316 SS or Titanium	
OPERATING CONDITIONS			
Pressure (psi)	Low	5	
	High	300	
Temperature (°C)	Low	0	
	High	50	
ELECTRICAL			
Internal Battery Type		3.6V lithium	
Battery Life		5 years	
On-Board Surge Protection		✓	
External Power		6-16 VDC (1mA sleep, 15mA active)	
Communication Interface		RS-485 (half duplex)	
DATA LOGGING			
Memory		8 MB	
Data Points		550,000	
Clock Accuracy		2 min/year	
Reading Rate	Linear	1 per 5 seconds	
	Linear Avg	programmable	
	Event	programmable	
Fastest Logging Rate	Linear	5 per second	
	Linear Avg	programmable	
	Event	programmable	
Methods	Linear	✓	
	Linear Avg	✓	
	Event	✓	



measurement
SPECIALTIES
No. 0610