

Surface Testing Suite: **Multi-Channel Surface Logger**

Features

- ✦ Extreme Service Reliability
- ✦ -30°C to 60°C Temperature Range
- ✦ 20 Million Sample Capacity
- ✦ High Pressure Connections
- ✦ Battery Life Up to 18 Months
- ✦ RS-485 ModBus Connection
- ✦ Single Internal Temperature and Pressure Measurement
- ✦ Connect up to 3 External Devices
- ✦ Easy to use Software for Programming & Data Analysis



Multi-Channel Surface Logger Specifications			
Capacity		20 Million Samples	
Communication Method		USB or ModBus	
Transducers		1 internal & up to 3 external	
Max. Pressure	Temp. Range	Connection	Part No.
750 psi	-30°C to 60°C	1/4" NPT	101744
1,500 psi			101745
3,000 psi			101746
5,000 psi		1/4" Autoclave	101747
10,000 psi			101748
15,000 psi			101749
20,000 psi			101750
Certifications & Ratings		Intrinsically safe	
		CAN/CSA C22.2 No 60079-0	
		CAN/CSA C22.2 No 60079-11	
		CAN/CSA C22.2 No 142	
		ANSI/UL 60079-0	
		ANSI/UL 60079-11	
		UL508	
Entity Parameters		Vi:	8 VDC
		Ii:	0.065 ADC
		Pi:	0.45 W
		CI:	14 µF
		Li:	0 µH
Transducer Specifications			
		Pressure	Temperature
Accuracy Up To		0.022% F.S.	0.25°C
Resolution		0.0003% F.S.	0.005°C
Drift		< 3 psi / year	< 0.1°C / year
Accessory Type		Part No.	
Pelican Case Assembly		100766	
USB To Serial Converter Assembly		100682	
Adapter HF4 SS17-4		101636	
Adapter 1/2 NPT SS17-4		101637	
Adapter 3/4 NPT SS17-4		101638	