



MEMORY CONTROLLER (MRL)

The Memory Controller (MRL) can be run on slick-line or coiled tubing to acquire and store data from GOWELL's Pegasus Series tools. The Memory Controller can be programmed and data downloaded directly through USB using Warrior™ 8 Memory Logging Software. The Memory Controller will acquire and store data in accordance with a user defined 'schedule'. This schedule controls the tool in and out of sleep mode, sets the sensor sampling rates and tool commands such as open/close caliper arms. The system supports a wide range of Time-Depth Recorders including the SLAB panel from SDS-Warrior or other panels such as EzTek's EzPod and Benchmark slickline hoist panel. These slickline acquisition panels are used to acquire Time, Depth, and Tension data.

Warrior Memory Logging Software is available as a standalone package for running GOWELL memory tools or as an upgrade to existing Real-Time CH Warrior V8 licenses. Warrior for Memory V8 provides Multi-window interface for programming tools and downloading data, together with capabilities for processing logging data.

FEATURES

- Warrior Compatible
- Up to 8GB memory capacity
- Compliant to **NACE MR0175/ISO 15156-2015** for **sour service version**
- Up to **20305 PSI** maximum working pressure for **high pressure version**

SPECIFICATIONS

	MRL43C-E	MRL43J-A	MRL43D-A
	P/N 1.01.02.100513678	P/N 1.01.02.100516866	P/N 1.01.02.300002390
	STANDARD TOOL	SOUR SERVICE TOOL	HIGH PRESSURE TOOL
GENERAL SPECS			
Maximum Pressure	15,000PSI (103MPa)	15,000PSI (103MPa)	20,305 psi(140Mpa)
Temperature Range	350°F (177°C)	350°F (177°C)	350°F (177°C)
Diameter	1-11/16 in. (43 mm)	1-11/16 in. (43 mm)	1-11/16 in. (43 mm)
Length	21.22 in. (539 mm)	21.22 in. (539 mm)	36.8 in. (9.335 m)
Weight	8.82 lbs (4 Kg)	8.82 lbs (4 Kg)	10 lbs (4.5 Kg)
Internal Measurements	3-axis acceleration, internal temperature		
Memory Capacity	8 Giga Bytes		
Working Voltage	18V to 36V		
Working Current	50mA (logging), 10mA (idle)		
Transmission Mode	With Surface	USB 2.0	
	With Downhole	CAN-Bus 2.0 @ 1MHz	

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