Memory Gauges

Expro has established a global reputation for reliably providing the industry with downhole pressure and temperature data of the highest integrity.

A commitment to quality assurance and the application of stringent maintenance and calibration processes form the foundation upon which Expro's success has been built.

Expro's fleet of downhole memory gauges provide a class-leading product range including HPHT and long duration for extended surveys.

Expert personnel are available globally to provide data services ranging from basic survey results to full pressure transient analysis and reservoir modelling.

Applications:

RIY platform surveys

Static gradients

Flow/PBU surveys

DST/production surveys/long term surveys

HPHT

Features:

Digital Quartz transducers for accuracy and resolution

Large memory capacity and fast sample rates

Compact, rugged design

Versatile programming

Rapid data upload

HPHT capacity

On-board diagnostics

Memory Gauges

Technical Specification:			
	CT 1000	**MT 1000**	**HT 1000**
Pressure Sensor	Shear Quartz Resonator	Digital Shear Quartz Resonator	Digital Shear Quartz Resonator
Pressure Range	0-16,000psi	0-16,000psi	0-20,000psi
Accuracy	+/- 3.2psi	+/- 3.2psi	+/- 3.2psi
Transducer resolution	0.008psi	0.008psi	0.008psi
Stability (per month)	0.1psi	0.1psi	0.1psi
Temperature sensor	Quartz crystal	Digital Quartz crystal	Digital Quartz crystal
Temperature range	32-350°F(0-177°C)	32-350°F(0-177°C)	32-392°F (0-200°C)
Accuracy	=/- 1.8°F	=/- 1.8°F	=/- 1.8°F
Resolution	0.09°F (0.05°C)	0.09°F (0.05°C)	0.09°F (0.05°C)
Memory type	Non-volatile flash	Non-volatile flash	Non-volatile flash
Memory Capacity	1 million data sets	1 million data sets	800,000 data sets
Fastest Sample rate	0.1 seconds	1 second	1 second
Programmable intervals	15	15	15
Length c/w battery pack	60" (1524mm)	30.5"(775mm)	30.5"(775mm)
Outside diameter	1.25" (2.8mm) or 1.5" (38mm)	1.25" (32mm)	1.25" (32mm)
Weight	5.5Kg (12lb)	5Kg (11lb)	5Kg (11lb)