

SALAMANDER™

THE EXTREME ENVIROMENTS GAUGE FROM METROL

The SALAMANDER is an extreme conditions high-temperature memory gauge; it is robust, with quartz crystal accuracy and excellent resolution.

DESCRIPTION

Metrol's ultra high temperature/high pressure quartz crystal electronic memory gauge is the SALAMANDER.

No other precision electronic gauge exceeds the capabilities of the SALAMANDER when operating successfully in problematic wells with extreme temperature conditions.

The SALAMANDER is a robust, electronic memory gauge with quartz crystal accuracy and excellent resolution.

The SALAMANDER P2 is currently undergoing extended qualification and has successfully recorded data continuously for 12 days at 225°C.

SPECIFICATIONS

Model:	Salamander P1	Salamander P2 (Q1 '16)
Max Temp °C [°F]:	205° [401°]	225° [437°]
Min Temp °C [°F]:	65° [149°]	65° [149°]
Max duration @°C:	>60 days	TBD
Pressure Ranges:	20k, 25k, 30k	20k, 25k, 30k
Pressure Accuracy:	+/- 0.025% of Full scale	+/- 0.025% of Full scale
Pressure Resolution:	0.001psi (1sec sampling)	0.001psi (1sec sampling)
Pressure Drift @ Ambient:	Negligible	Negligible
Pressure Drift @ FS P/T:	0.02% FS / year	0.02% FS / year
Temperature Accuracy:	+/- 1degC	+/- 1degC
Memory capacity:	500,000 P + 50,000 T	500,000 P + 50,000 T
Length:	60" Minimum	100" Minimum
Diameter:	1.25"(1.37" ext'd duration)	1.25"(1.37" ext'd duration)
Sample Rates:	Programmable 1/2s-120s	Programmable 1/2s-120s

