

KPG Pressure Gauge - KTG Temperature Gauge

The bottom-hole pressure measurements of the KPG gauge and the temperature recordings of the KTG gauge are accurate, sensitive, reliable and cost effective.

The KPG and the KTG LV Temperature Recorder use the principal of the multiple helical coil bourdon tube, which has been used for over 50 years providing rugged and dependable operation.

The KTG Bi-Metal Temperature Recorder uses two unique metals which react differently to temperature. This reaction creates rotation in the coil. The clock is used to regulate the travel of the chart carrier through the lead screw, lead nut and push rods.

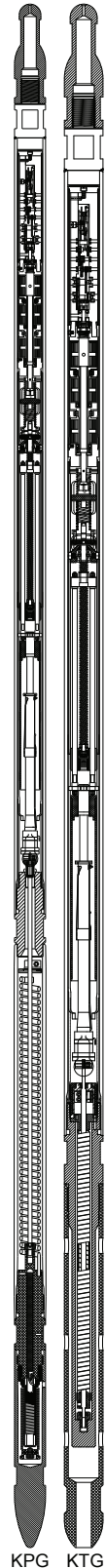
The recording section of the KTG LV and Bi-Metal transmits the rotation of the bourdon tube (or external coil) to the stylus shaft which is connected to the stylus assembly, rotating within the chart carrier. The stylus assembly scribes a mark on a coated chart within the chart carrier.

The LV element uses an external coil on the top end which transfers temperature down through the sensing element. The Bi-Metal element uses a special housing that transfers well temperature to the sensing element.

Both the LV and the Bi-Metal elements are quick responding, corrosive resistant and reliable.

The KTG temperature gauge includes: temperature element, HP clock, recorder, wireline socket, standard calibration table and instruction manual.

The KPG and KTG are also sold separately as a clock, recorder and pressure or temperature element. Kuster Company can customize gauges for your particular application. Also available are: Field Kits, carrying cases, charts, thread lube and spare part kits.



KPG KTG

Specifications

KPG Pressure Gauge 1.25"		Stylus Travel	
Accuracy	0.2%	12.7 (5")	
Linearity	0.05%	15 turns of lead screw	
Sensitivity	1/2000 F.S.		
Pressure Range		KTG Liquid Vapor and Bi-Metal	
0-750 psi to 0-30,000 psi		Diameter	1.25"
0-52 to 0-2040 kg/sq cm		Length (Liquid Vapor)	66"
Specify maximum gauge pressure when ordering		Length (Bi-Metal)	55"
		Weight (Liquid Vapor)	13.3 lbs.
		Weight (Bi-Metal)	11.5 lbs.
		Max Pressure	22,000 psi
		Max Temperature	700°F
Maximum Clock Temperature		KTG/KPG Available with Options	
3-12 hour	370°C	Lead Screw Pitch	Standard or Fast
24-360 hour	232°C	Chart Carrier	Flat or Flanged
720 hour	200°C	Stylus Type	Osmium or Sapphire
Maximum Element Temperature		Materials	
Unbellows	370°C	K-Monel and Hardened Stainless Steel	
Stand. Bellows	175°C		
GET-1 Bellows	370°C		

Description and specifications are subject to change without notice



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