

SHENKAI



SK-GR gamma ray module can be used with TENSOR, the maximum working temperature is 175 ° C and pressure is 20000 PSI. SK-GR gamma ray module consists of electronic components and detector components. The detector component is equipped with a NaI crystal detector and a photomultiplier tube. SK-GR gamma ray module is used to measure the gamma radiation emitted by uranium, thorium, and potassium in the mineral composition of underground rock layers. SK-GR gamma ray module is suitable for measuring while drilling operations in directional wells, horizontal wells. SK-GR gamma ray module can help to design well trajectory and assess real-time geosteering for geological engineer, and can improve ROP. SK-GR gamma ray module is stable, reliable, easy for maintenance.

Product Features

- Interface compatibility TENSOR System
- High shock&vibration resistance
- High sensitive NaI crystal detector and high reliable photomultiplier tube



Specifications	
Sensitivity	1.3 CPS/API
Tolerance	$\pm 5\%$ to 150°C / $\pm 10\%$ to 175°C
Measuring range	1000 API
Rated temperature	-20 ~175°C
Vibration 5-200Hz	20g RMS
Shock (Z axis)	500G, @0.5 mSec
Shock (X or Y axis)	1000G,@0.5 mSec
Operating Voltage Range	18-36VDC
Rated Current	<20mA
Output(Negative-pulse)	+5V to GND, 2-5 μ s
Mechanical Specification	$\Phi 47.6\text{mm} \times 1238\text{mm}$