



QCD
Drilling Systems for Tomorrow

Ruggedized Gamma RGT (Tensor)*

Ruggedized for the most extreme downhole conditions, the QCD-RGT Gamma Module is a Tensor based, Natural Gamma Ray detection Module. Featuring an intrinsic Axial and Lateral Shock Absorption Protection system, the module is designed to be fully compatible with all Tensor based MWD systems. Features Titanium Collet MDM end housings to increase the life of the tool and to help keep repair and service costs down.



Features & Benefits

- Fully Ruggedized PMT
- 175 C Rated Tool
- Intrinsic Axial & Lateral shock protection system
- 15 pin MDM up-hole / 15 socket MDM downhole
- 16V - 32V DC on MWD line 4
- 5V pulses on MWD line 8
- Fully compatible with QMWD tensor style MWD systems

Mechanical

OD: 1.475"
 Length : 12.7"
 Weight: 2.5 lb
 Connectors: 15 pin/socket MDM
 Material: Aluminum Alloy & Titanium

Performance

Sensitivity: 1.8 CPS/API
 Accuracy: +/- 5% to 300F
 +/- 10% to 350F
 Max API @ 5%
 5000 API
 PPU Error:
 Thin-Bed Resolution (8" hole diameter): 6.8"

Environmental

Operating Temp: 0-350F
 Survival Temp: -40F to 400F
 Heat/Cool Rate: 5F per minute
 Vibration (3-axis)
 50-1000Hz Random: 40G RMS
 Shock (z-axis): 500G, 0.5mSec
 Shock (x or y axis): 1000G, 0.5mSec

Power Requirements

DC Input Voltage: 15V - 50VDC
 Tool Current: 10.5 mA @ 21 V
 8.5 mA @ 30 V

Output Signal

Negative Pulse: +5V to GND, 5 uSec width

*patent pending technology



4045 74th Ave SE
Calgary AB T2C 2H9

403.235.0720

info@qcdgroup.ca
www.qcdtech.ca