



BOREHOLE EQUIPMENT

2GHA-1000 Triple Gamma Tool

Applications:

This tool is designed for use in uranium exploration projects. The probe measures three different types of gamma radiation, including NaI scintillation, high-flux (for high ore grades) ZP1320 G-M, and ZP1200G-M. This tool can be combined with the 2NUA-1000 for neutron-thermal-neutron measurement to estimate porosity (saturated zone) and moisture-content (un-saturated zone).

SPECIFICATIONS

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| Length: | 79.5 cm (31.3") |
| Diameter: | 41 mm (1.63") |
| Weight: | 5.0 Kg (11 lbs) |
| Pressure Rating: | 20,685 kPa (3000 PSI) |
| Temperature: | -10 – 70°C (14 - 158°F) |
| Sensor (Detector): | 2 Pairs G-M Tubes NaI Scintillation |
| Measurement Range: | 1 – 100,000 CPS |
| Accuracy: | ± 0.5% |
| Resolution: | 0.02% Full Scale |
| Average K-factors (0.24% U ₃ O ₈): | |
| NaI: | 4.75 x 10 ⁻⁶ |
| G1200 | 5.3 x 10 ⁻⁶ |
| G1320 | 1.1 x 10 ⁻⁶ |

