

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

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% U3O8):

NaI:	4.75 x 10 ⁻⁶
G1200	5.3 x 10 ⁻⁶
G1320	1.1 x 10 ⁻⁶