

Natural-Gamma Probe

The ultra-slim and triple gamma probes measure the activities of naturally occurring or man-made isotopes.

Principle of Measurement:

The probes are based on scintillation gamma detectors. The detectors measure the natural-gamma radiation released from potassium and the decay products of uranium and thorium in the borehole.

probe specification

> Features

Small diameter for slim-hole operations
Multiple detectors with different sensitivities

> Measurements

Natural gamma

Applications

Mineral detection
Strata correlation between wells

> Operating Conditions

Borehole type: open/cased, water/air-filled

> Specifications

Triple gamma probe

Diameter: 38mm
Length: 1.70m
Weight: 6kg

Natural-gamma detectors:

25mm x 25mm NaI(Tl)
50mm x 25mm
100mm x 25mm

Temperature: 0-70°C (extended ranges available)

Max. pressure: 20MPa

Ultra slim gamma probe

Diameter: 20mm
Length: 0.46m
Weight: 4kg

Natural-gamma detectors:

125mm x 17.5mm Cs(Tl)
Temperature: 0-70°C (extended ranges available)

Max. pressure: 10MPa

> Sales Information

Probes:

I002009 Triple gamma probe
I002008 Ultra-slim gamma probe

