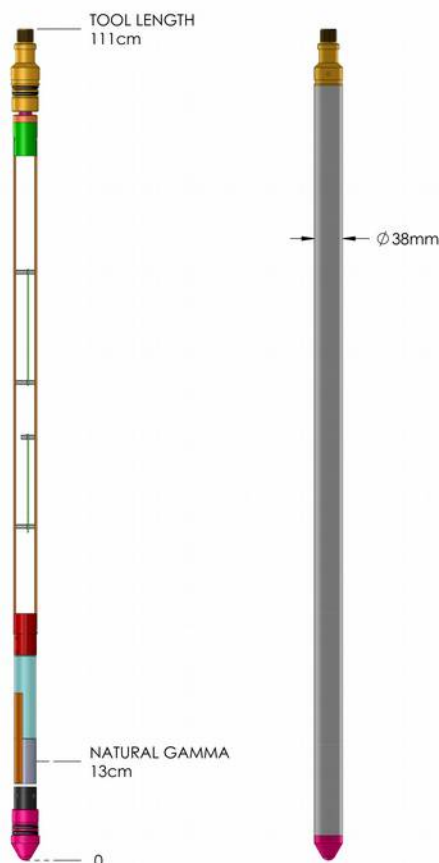


NATURAL GAMMA RADIOACTIVITY PROBE GR38



In addition to its primary role as a lithological or clay indicator, a natural gamma measurement is frequently used as the basis for establishing correlations between boreholes and to ensure accurate depth matching between different logging runs made in the same borehole. For these reasons, many LIM probes provide this measurement as an additional log along with other parameters.

The **GR38** probe provides a solution for cases where only a basic, total counts natural gamma log is required.

Based on a $\varnothing 25 \times 50$ mm NaI(Tl) scintillation crystal detector coupled to a high-performance photomultiplier tube, the probe boasts excellent sensitivity (± 1.2 cps / API unit) and provides a high quality final result.

Optionally, the probe can be provided with a calibration certificate allowing the raw counts per second results to be converted to industry-standard API units.

Specifications

- Diameter :
- Length :
- Weight :
- Max. operating temperature :
- Max. operating pressure :

38 mm
1 200 mm
3.0 kg
70 °C
200 bar

Data / sensor parameters

- Detector size :

$\varnothing 25 \times 50$ mm

Accessories / options

- Calibration :

factory calibration in API units

Borehole conditions

- Dry or fluid-filled borehole
- Open or cased borehole