



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** and **GR25** probes provide a solution for cases where only a basic, total counts natural gamma log is required.

Based on $\varnothing 25 \times 50$ mm NaI(Tl) and $\varnothing 12.7 \times 50$ mm NaI(Tl) scintillation crystal detectors coupled to a high-performance photomultiplier tube, the **GR38** and **GR25** probes boast excellent sensitivity (± 1.2 cps / API unit) and provide a high quality final result.

Optionally, the probes 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:

GR25

- 25 mm
- 780 mm
- 1.8 kg
- 70°C
- 200 bar

GR38

- 38 mm
- 1200 mm
- 3 kg
- 70°C
- 200 bar

Data / sensor parameters

- ✓ Detectors sizes:

$\varnothing 12.7 \times 50$ mm (GR25)
 $\varnothing 25 \times 50$ mm (GR38)

Accessories / options

- ✓ Calibration:

Factory calibr. in API units

Borehole conditions

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