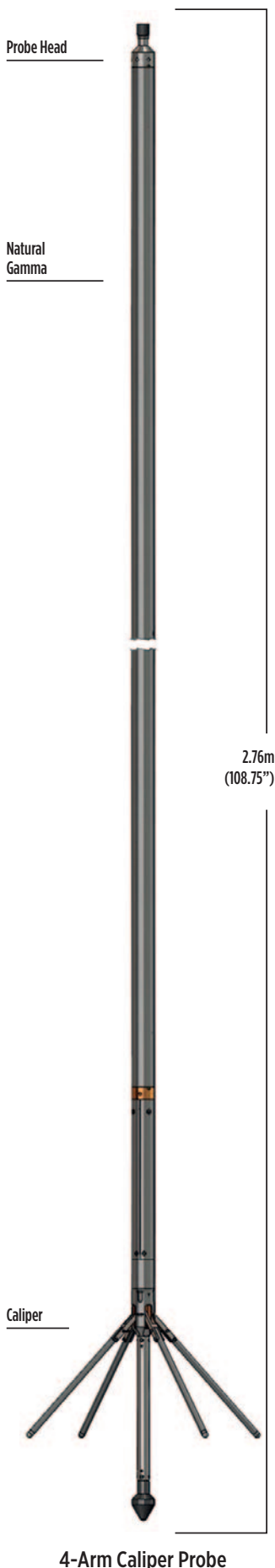


PROBES

4-ARM CALIPER



The 4-Arm Caliper can replace the 3-Arm Caliper with an advantage where the borehole cross-section deviates from circular and provides a single continuous log of borehole diameter as recorded by two independent pairs of linked arms in contact with the borehole wall.

The caliper is a useful first log to determine the borehole conditions before running more costly probes or those containing radioactive sources.

Principle of Measurement:

Opening and closing of the motor-driver caliper arms is by surface command, allowing the probe to run into the borehole with the arms retracted. Once opened, the spring-loaded arms respond to borehole diameter variations as the probe is raised up the borehole. The long and short axis values are recorded.

SPECIFICATION:

Features

Sensitive X-Y caliper

Measurements

X and Y calipers
Borehole volume (derived)
Natural gamma

Applications

Water/minerals/engineering
Borehole diameter in two axes
Cracks, fissures and casing defects

Operating Conditions

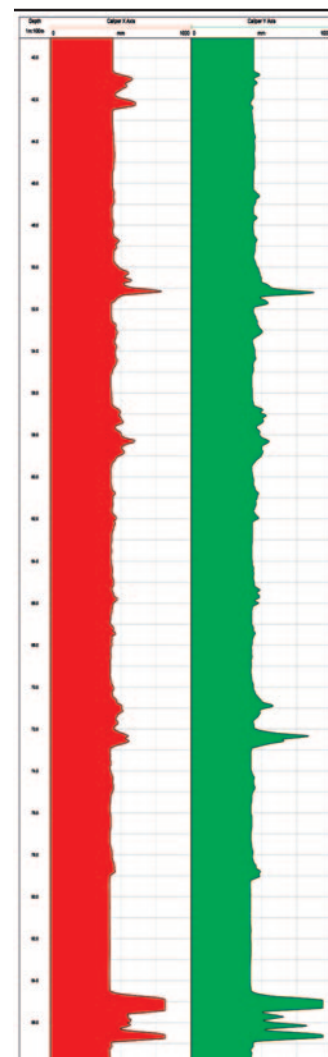
Borehole type: open/cased, water/air-filled
Centralisation: recommended
Recommended Logging Speed: 5m/min

Specifications

Diameter: 60mm
Length: 2.76m
Weight: 19kg
Temperature: 0-70°C (extended ranges available)
Max. pressure: 20MPa
Caliper range: 75mm to 700mm

Part Numbers

I018484 4-Arm Caliper



Example of logging data

[▶ CLICK HERE
FOR ENQUIRY FORM](#)