

Gas Holdup Tool (GHT04)

Titan Division | Instruments

Overview

The Gas Holdup Tool (GHT04) has been designed to measure the gas void fraction in the wellbore around the tool. To achieve the measurement, a 3 millicurie cobalt source is mounted in the bottom of the tool to emit gamma rays, which are then detected by a scintillation type detector for counting. The GHT tool provides an excellent measurement of the gas fraction in wellbores.

Application

Gas holdup measurement in the vertical, deviated or horizontal wellbores

Specifications

Max Working Temperature	175°C (350° F)
Max Working Pressure	15K (15,000MPa)
Wireline	Mono-conductor
OD	43mm (1 11/16")
Shipping Length	717mm (28.23")
Rig-up Length	623mm (24.53")
Zero length	127.6mm (5.02")
Weight	Approx. 4.1kg (9.1lb)
Operating Voltage	18V (WSTbus)
Operating Current	36mA±3mA
Acquisition Time	1 sec (typical)
Detector	Nal Crystal
Radiation Source	Cobalt 57 (3mCi)
Half Life of Source	271 days (9 months)
Radiation Strength of Source	122KeV and 136KeV
Threads	1 3/16 -12 UN-2A(B) GO (female/male)

