

Natural Gamma Ray/Thermal Neutron Casing Collar Locator (CCL)

Gearhart Industries (GOI)

Model 002-9205

Operating Constraints:

Maximum pressure 15,000 PSI
 Operation temperature range 0 to 93 degrees C, 32 to 200 degrees F

Dimensions:

Length..... 83 in., 210.8 cm
 Diameter 1.6875 in., 4.29 cm
 Weight 30 lbs, 13.6 kg

Natural Gamma Ray Detector:

Sensor (Detector) type..... Sodium Iodide (NaI)
 Gamma Ray range..... 0 – 10,000 API

Neutron Detector:

Source activity and radioisotope..... 1000 mCi, Am²⁴¹ Be
 Sensor (Detector) type..... Helium-3 tube @ 4 atmospheres, sensitive to Thermal energy Neutrons
 Measurement range..... 0 – 2500 API units in fluid

