

MODEL 755 & 760 - 4K SUPERCONDUCTING ROCK MAGNETOMETER

STANDARD FEATURES

- PULSE TUBE CRYOCOOLER: Completely liquid helium free
- FAST COOL DOWN: From room temperature to operating in less than 36 hours
- SAMPLE ACCESS: Vertical or horizontal orientation
- STANDARD PASS THROUGH ACCESS: Diameter of 4.2 or 7.6cm
- COMPACT: Outside diameter = 32cm, overall length = 82cm for 755 and 130cm for 760
- DC SQUIDS: Magnetic dipole moment noise of less than $1 \times 10^{-12} \text{Am}^2$ ($1 \times 10^{-9} \text{EMU}$) RMS per root Hz
- DYNAMIC RANGE: 1×10^{-12} to $2 \times 10^{-4} \text{Am}^2$ analog in 4 ranges, 1×10^{-12} to $2 \times 10^{-3} \text{Am}^2$ digital flux
- FIELD ATTENUATION: 10^6 for transverse fields, 10^{11} for axial fields
- HEAT SWITCH ON SUPERCONDUCTING SHIELD



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SUPERCONDUCTING GEOPHYSICAL INSTRUMENTS