attoDRY1100 closed-cycle cryostat

1007003



Technical Specifications

General Specifications technology ultra-low vibration, pulse-tube based closed-cycle cryostat, designed for scanning probe microscopy applications sample environment He exchange gas, 4 pressure ranges, fully automated gas handling sample space 49.7 mm diameter probe bore fitting all attocube inserts sample exchange top loading system for quick access, automatic gas handling fully automated temp. and mag. field control via integrated touchscreen, web interface or LAN API proprietary low vibration design proprietary low vibration design fully automated, including all pumps and valves, touchscreen & remote control via PC temperature range 4300 K as to save temperature and touch touch and touch screen, via remote control via proprietary low vibration design fully automated, including all pumps and valves, touchscreen & remote control via PC temperature range 4300 K as touchscreen, via remote control via PC touch and via touchscreen, via remote control via proprietary low vibration design fully automated, including all pumps and valves, touchscreen & remote control via PC touch PC touc
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required min. ceiling height approx. 2.60 m (depending on magnet)
optional electronics rack (width x depth x height) 640 x 640 x 1050 mm ³
Options and Upgrades
superconducting magnet 9 T (other magnets on request)
bipolar magnet power supply included (with optional magnet)
temperature controller included
pumping kit included
Compatibility
confocal microscopes attoCFM II, attoCFM III, attoCFM IV
confocal Raman microscopes attoRAMAN
atomic force microscopes attoAFM I , AFM upgrade options (MFM, KPFM, PFM, conductive-tip
AFM), attoAFM III (on request)
scanning Hall probe microscopes attoSHPM
transport measurements atto3DR

