



QUANTUM CRYOGENICS



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DRY ICE-Q DYAD Standard Product Range

COOLING POWER	Base	Solenoid Magnet	Split Pair	Vector Rotate
BASE TEMPERATURE	25MK @ 1.8k, 50mW @2K, 75mW @2.3K, 100mW @2.9K			
SAMPLE COOLDOWN	Continuous 1.3K / Single Shot 1.2K			
SAMPLE SPACE	Up to Ø300mm Diameter	Ø68mm (Ø85mm with no inner 50K shield)		
CUSTOMER DC WIRING	Up to 672 (twisted pairs)			
COAX	SS, SC, C, BeCu and NbTi available. Other COAX available on request			
OPTICAL TABLE	Available with FC-APC feedthroughs			
ACCESS TO SAMPLE SPACE	Via Satellite top plate			
OPTICAL ACCESS	Up to 5	1	Up to 5	Up to 5
SUPERCONDUCTING MAGNET	N/A	Up to 12T	5T or 7T	3 Axis Vector Rotate (6-1-1 / 0.5-0.5)
TEMPERATURE STABILITY	± 5MK below 2.5K below 2.5K, ± 20MK between 4K and 50K, ± 5MK above 50K			
SAMPLE ENVIRONMENT	Vacuum			

† Base system without magnet. Magnet integration will increase cooldown time



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Avenue 4, Station Lane, Witney, Oxfordshire, United Kingdom, OX28 4BN
 ICEoxford.com
 sales@iceoxford.com
 +44 (0) 1993 706 444
 @ICEoxford

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