

Vector Magnets

Specifications

Below are listed some specifications of recently delivered vector magnet systems that are specifically designed for STM applications. Available as either Cryogen Free or Liquid helium based.

Vertical axis (Solenoid) Z-coil (T)	Horizontal axis (Split Pair I) X-coil (T)	Horizontal axis (Split Pair II) Y-coil (T)	Maximum Vector Field Modulus (T)	Clear vertical bore (mm)	Temperature Range (K)
5	1	-	1 (x-y)	75	300mK-300K
7	2	-	2 (x-y)	75	300mK-300K
3	7	-	2 (x-y)	75	300mK-300K
9	2		2 (x-y)	75	300mK-300K
9	2	2	2 (x-y) 2(x-y-z)	75	300mK-300K
9	5	1	4(x-z) 1 (in any plane)	46	20mK-300K

For special requirements we offer custom vector magnets design to suit specific experiments. For more details please contact us.