ORDERING INFORMATION

Diff50 NMR Diffusometry Probe for Wide Bore Magnets

Accessory

Product	Available Frequencies	Product Code
Workstation for TopSpin	all	PCWIN, PCLIN, PCIMAG
Gradient water-cooling unit	all	AH2386J
Single channel gradient amplifier Great60	all	BH2381
Gradient safety controller	all	BH2384
Optional cabinet to host safety controller and amplifier	all	AH2385

Diff50 Wide Bore Diffusometry Probe with exchangeable Inserts

Product	Available Frequencies	Product Code
Diff50 probe including ^{1}H 5 mm insert	300 – 800 MHz	PH0650_SRDR_DIFF50
Single resonance Diff50 rf inserts		
Diffusion Insert, single H-resonance, 5 mm	300 - 800 MHz	PI656_SX/H
Diffusion Insert, single H-resonance, 8 mm		PI657_SX/H
Diffusion Insert, single H-resonance, 10 mm		PI658_SX/H
Diffusion Insert, single F-resonance, 5 mm		PI659_SX/F
Diffusion Insert, single F-resonance, 8 mm		PI6510_SX/F
Diffusion Insert, single F-resonance, 10 mm		PI6511_SX/F
Diffusion Insert, single *nuc*-resonance, 5 mm		PI653_SX/*nuc*
Diffusion Insert, single *nuc*-resonance, 10 mm		PI655_SX/*nuc*
Double resonance Diff50 rf inserts		
Diffusion Insert, double resonance, *nuc* -observe, H-decoupling, 5 mm	300 - 800 MHz	PI650_DX/H*nuc*
Diffusion Insert, double resonance, *nuc* -observe, H-decoupling, 8 mm		PI651_DX/H*nuc*
Diffusion Insert, double resonance, H observe, *nuc*-decoupling, 5 mm		PI6512_DI/H*nuc*
Diffusion Insert, double resonance, H observe, *nuc* -decoupling, 8 mm		PI6513_DI/H*nuc*
Diffusion Insert, double resonance, F-observe, H-decoupling, 5 mm		PI6515_DX/HF
Diffusion Insert, double resonance, F-observe, H-decoupling, 8 mm		PI6516_DX/HF
Diffusion Insert, tunable from H-F, 5 mm		PI6518_SX/H_E
Diffusion Insert, tunable from H-F, 8 mm		PI6519_SX/H_E
Diffusion Insert, tunable from H-F, 10 mm		PI6520_SX/H_E

Custom probes, e.g. for different nuclei, different nuclear combinations or for other frequency/diameter combinations than listed above, are available on request. Please contact Bruker for further information.

Bruker BioSpin is continually improving its products and reserves the right to change specifications without notice. Order No. BS-100171 07/2026 Bruker BioSpin