

NICUM 3T Prisma MR scanner

Specifications

Category	Non-Siemens sequences (C2P) or hardware	Specification
Scanner model		Siemens Prisma 3T
Software version		VE 11E
Sequences		BOLD
		SMS BOLD
	✓	CMRR SMS BOLD (multi-band EPI) ¹
		DTI
		DSI
		SMS DTI (multi-band EPI)
		PCASL
		MRS -SVS
		MRS - CSI
	✓	CMRR Spectroscopy Package ²
	✓	3D MRF
	✓	HERMES for GABA/GSH
Head coils		16+4 Head-Neck
		32 Channel
		64 Channel
	✓	2 x 8 Channel „Windischberger“/MagVenture MRI/TMS coils
Phantoms		Standard Siemens phantoms
		ACR
Video	✓	PROPixx projector
Audio	✓	PROPixx audio system
Response	✓	PROPixx response pads
Presentation software	✓	Neurobehavioral Systems - Presentation, PsychoPy, Psychotoolbox (Matlab)
MR compatible hardware	✓	4x 32ch Brain MR Amp (Brain Products), 1x ExG MR Amp & ECG electrodes & respiration belt (Brain Products), NeuroConn DC Stimulator MR, Easy Cap MR pads

¹<https://www.cmrr.umn.edu/multiband/>

²<https://www.cmrr.umn.edu/spectro/>

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