NeoCoil

32Ch AIR Open Coil Suite

This open coil suite provides a flexible head, neck, and Brachial Plexus array for easier positioning and increased patient comfort. Created with parallel imaging compatibility in all directions for reduced scan time and a 32-channel phased array design. This flexible coil design provides a higher filling factor, which results in higher SNR and more uniform coverage during the scan.

Coil Features

• 32 Array Elements
• 1.5T and 3.0T Magnetic Field Strength
• Receive Only Mode
• Intended Anatomy: Head, Neck and Brachial Plexus
• Anatomical Structure Coverage: Brain, Cervical spine, Upper Thoracic spine, Brachial Plexus
• Designed for clinically acceptable signal-to-noise ratio (SNR) and uniform coverage of the Head, Neck and Brachial Plexus anatomy

For more Information
Email: sales@neocoil.com
Telephone: 888-MRI-COIL (674-2645)
www.neocoil.com

Patient Features

Depending on the region of interest, the coils may be used in combination with the CIVCO RT Universal Couchtop™ MRI Overlay for compatible MR table(s) and associated patient immobilization devices (e.g., thermoplastic mask, straps provided with the MRI scanner).

There are no accessories associated with the 32Ch AIR Open Coil Suite. Use appropriate padding to ensure the comfort of the patient.

Compatible Scanners
The coils are compatible with GE Magnetic Resonance Imaging (MRI) Scanners:

3.0T: Architect, Pioneer, Premier, PET/MR*(AIR Open Head Anterior 16ch only),* Signa Hero

1.5T: Voyager, Artist

Component	Dimensions L x W x H	Weight
AIR Open Head Neck Posterior 9ch	76.52 cm x 34.88 cm x 8.68 cm	3.0 kg
AIR Open Head Neck Anterior 7ch	53.39 cm x 60.58 cm x 5.28 cm	0.45 kg
AIR Open Head Anterior 16ch	64.00 cm x 58.31 cm x 68.56 cm	1.20 kg
Spacer, GEM Table Posterior Array	3.25 cm x 19.70 cm x 2.50 cm	<0.10 kg

AIR Open Head Neck Posterior 9ch

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Spacer, GEM Table, Posterior Array