

## Bilateral Four Channel Phased Array *CAROTIDS COIL*

### Description

The *Bilateral Four Channel Phased Array CAROTIDS COIL* is designed for bilateral proton imaging of the carotids bifurcation. The semi-flexible construction allows easy application of the coils around the neck causing minimal patient discomfort.

The coil assembly is compatible with Siemens MAGNETOM 1.5T scanners.

### Applications

The *CAROTIDS COIL* enables sub-millimeter resolution of the carotids lumen, vessel walls and atherosclerotic plaques.

### System/Accessories

- + *CAROTIDS COIL* Assembly,
- + Attachment Strap,
- + Manual.

### Approvals

The *CAROTIDS COIL* is 510(k) listed and in compliance with the European MDD.

### Warranty

This product is warranted during a period of one year. Repairs or replacements will be made free of charge for materials and labor.



### Specification

#### Mechanical Properties

- + Eff. length of RF coil : 105 mm PA mode
- + Width of RF coil : 60 mm
- + Effective RF penetration : 35 mm
- + Patient contacting material : Non-toxic, non irritating coated polymer foam
- + Connector : Siemens FLEX interface (2 needed, not included)

#### Electrical Properties

- + Coil type : Receive only (Four channel PA)
- + Coil configuration : Assembly of two dual coils
- + Nominal impedance : 50 Ohm

#### Compatibility

Siemens MAGNETOM 1.5T MRI scanners

- |            |               |
|------------|---------------|
| Model      | From release  |
| + Symphony | : NV4A21A     |
| + Sonata   | : NV4A21A     |
| + Avanto   | : SyngoMR2004 |
| + Espree   | : NV4B12A     |



Design and specifications subject to change without notice.  
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Please contact MACHNET for order information, a complete list of our products or system compatibilities.