

## 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 Trio (a TIM system), Verio, Skyra and Prisma 3T 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
- + Patient contacting material : Non-toxic, non irritating coated polymer foam
- + Connector : Compatible with SIEMENS 3T Interface (not included)

#### Electrical Properties

- + Coil type : Receive only (Four channel PA)
- + Coil configuration : Assembly of two dual coils
- + PI : Coil design enables parallel imaging

#### Compatibility

Siemens MAGNETOM 3T MRI scanners

- | Model                 | From release |
|-----------------------|--------------|
| + Trio (a TIM system) | : VB13A SP2  |
| + Verio               | : VB15B      |
| + Skyra               | : VD13A      |
| + Skyra 2pTX          | : VD13C      |
| + Prisma              | : VD13D      |
| + PrismaFit           | : VD13D      |



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.