



# MAGNETOM Spectra

**Body 6**

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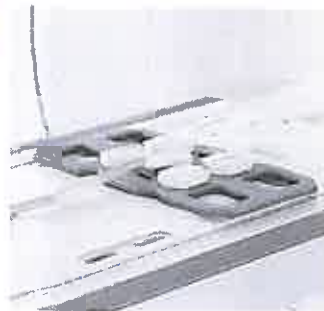
Preliminary Edition - 2/2012

## Body 6

### General

The Body 6 is part of the standard system configuration.

- 6-channel design with 6 integrated preamplifiers, with 2 rows of 3 elements each
- Operates in an integrated fashion with the Spine 24 (8 rows of 3 elements each)
- Can be combined with further Body 6 coils for larger coverage
- No coil tuning
- iPAT-compatible in all directions
- Dual-Density Signal Transfer enables ultra-high density coil designs by integrating key RF components into the local coil
- SlideConnect™ technology for easy coil set up



### Applications

- Thorax
- Heart
- Abdomen
- Pelvis
- Hip
- Vascular

### Typically combined with

- Head/Neck 16
- Spine 24
- Additional Body 6 coils (optional)
- Peripheral Angio 36 (optional)
- Flex Large 4
- Flex Small 4
- Endorectal coil (optional)

### Weight

1.6 kg  
"patient-felt" weight of coil only – 1.1 kg

### Dimensions (L x W x H)

322 mm x 520 mm x 70 mm

The product might not be approved in some countries or, for other reasons, not yet commercially available.

The product names and/or brands referred to are the property of their respective trademark holders

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# MAGNETOM Spectra

Head/Neck 16

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## Head/Neck 16

### General

The Head/Neck 16 is part of the standard system configuration

- 16-channel design with 16 integrated pre-amplifiers, two rings of 6 elements each and one ring with 4 elements
- Cable-less coil with DirectConnect™ technology
- Combined coil for head and neck examination for optimized workflow
- Upper coil part removable
- Lower coil part usable without upper part for highly claustrophobic patients
- Lower coil part may stay on the patient table for most of the examinations
- Smoothly integrated into the patient table with Spine 24
- Open patient-friendly design
- Cushioned head stabilizers (removable)
- No coil tuning
- iPAT-compatible in all directions
- Dual-Density Signal Transfer enables ultra-high density coil designs by integrating key RF components into the local coil
- Detachable double mirror



### Applications

- Head examination
- Neck examination
- MR Head/Neck Angiography
- Combined head/neck examination
- TMJ (temporomandibular joints)

### Typically combined with

- Spine 24
- Body 6
- Peripheral Angio 36 (optional)
- Flex Large 4
- Flex Small 4

### Weight

Total	4.7 kg
Anterior part	1.7 kg

### Dimensions (L x W x H)

440 mm x 330 mm x 370 mm

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# MAGNETOM Spectra

**Spine 24**

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## Spine 24

### General

The Spine 24 is part of the standard system configuration.

- 24-channel design with 24 integrated pre-amplifiers, 8 rows of 3 elements each
- Cable-less coil with DirectConnect™ technology
- Smoothly integrated into the patient table and streamlined with Head/Neck 16
- May remain on the patient table for nearly all exams
- No coil tuning
- iPAT-compatible in all directions
- Dual-Density Signal Transfer enables ultra-high density coil designs by integrating key RF components into the local coil



### Applications

- High resolution imaging of the whole spine
- Various applications in combination with additional coils

### Typically combined with

- Head/Neck 16
- Body 6
- Peripheral Angio 36 (optional)
- Flex Large 4
- Flex Small 4

### Weight

11 kg

### Dimensions (L x W x H)

1200 mm x 489 mm x 63 mm

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# MAGNETOM Spectra

**Extremity 18**

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## Extremity 18

### General

- 18 channel receive coil
- 18-channel coil with 18 integrated preamplifiers, elements arranged in 3 rings of 6 elements
- iPAT-compatible in all directions
- Upper coil part removable
- Holder allows off-center positioning to ensure a comfortable position for the patient
- Cushions for patient comfort and stabilization of the anatomy
- No coil tuning

### Applications

- Examinations of joints in the area of the lower extremities
- High resolution knee or elbow imaging

### Weight

7.5 kg

### Dimensions (L x W x H)

536 mm x 240 mm x 313 mm

### Minimum inner dimension

170 mm



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# MAGNETOM Spectra

**Special Purpose 4**

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#### Special Purpose 4

General	<ul style="list-style-type: none"><li>• 4 channel receive coil</li><li>• 4-channel coil with 4 integrated preamplifiers, elements arranged in a 2x2 matrix</li><li>• iPAT-compatible</li><li>• No coil tuning</li></ul>
Applications	<ul style="list-style-type: none"><li>• Carotids</li><li>• Examinations with small Field- of-View</li><li>• Small structures near the surface</li></ul>
Weight	200 g
Dimensions (L x W x H)	477 mm x 143 mm x 52 mm



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# MAGNETOM Spectra

**Flex Large 4**

**Flex Small 4**

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## Flex Large 4 and Flex Small 4

	Flex Large 4	Flex Small 4
General	<p>The Flex Large 4 and Flex Small 4 are part of the standard system configuration.</p> <ul style="list-style-type: none"> <li>• Four integrated low-noise preamplifiers</li> <li>• Allows flexible coil positioning</li> <li>• Only one interface necessary for all Flex coils</li> <li>• Several Flex Coil Interfaces can be used simultaneously</li> <li>• Dual-Density Signal Transfer enables ultra-high density coil designs by integrating key RF components into the local coil</li> <li>• Connection via Flex Coil Interface</li> </ul>	
Features	<ul style="list-style-type: none"> <li>• Wrap-around coil made from soft and flexible material</li> <li>• 4-channel design</li> <li>• iPAT-compatible</li> <li>• No coil tuning</li> </ul>	
Applications	Imaging of large regions such as medium to large shoulder, hip, and knee	Imaging of small regions such as small to medium shoulder, wrist, elbow, and ankle
Typically combined with	<ul style="list-style-type: none"> <li>• Head/Neck 16</li> <li>• Body 6</li> <li>• Peripheral Angio 36 (optional)</li> <li>• Flex Small 4<sup>1)</sup></li> <li>• Loop 3T coils<sup>1)</sup></li> <li>• Endorectal coil (optional)</li> </ul>	<ul style="list-style-type: none"> <li>• Head/Neck 16</li> <li>• Body 6</li> <li>• Peripheral Angio 36 (optional)</li> <li>• Flex Large 4<sup>1)</sup></li> <li>• Loop 3T coils<sup>1)</sup></li> <li>• Endorectal coil (optional)</li> </ul>
Weight	550 g	450 g
Dimensions	516 mm × 224 mm	366 mm × 174 mm



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<sup>1)</sup> Second Flex Coil Interface 3T required (option)

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