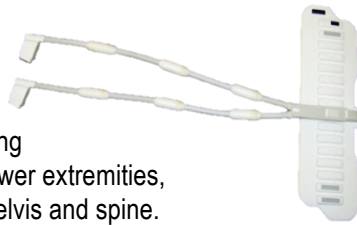


1.5T 16-Channel Flex Coils

The NeoCoil 1.5T 16-Channel Flex Coils for Siemens are lightweight, formable and versatile coils for high performance imaging of the upper and lower extremities, chest, abdomen, pelvis and spine.



The coils deliver versatility and performance for all patients: large patients are not forced into or pinched by hard plastic; image quality for small patients is not compromised due to oversized coil housings. These coils improve the patient and technologist experience while enabling most exams to be completed with the same level of image quality expected from dedicated coils.

This system consists of:

- Two formable, flexible antennae of different size that can be wrapped or orientated flat, in order to accommodate different anatomic shapes and sizes.
- Optional accessories designed for patient comfort and reduced motion artifacts.

Technical Features

Each coil features 16 elements with integrated low-noise preamplifier optimized to provide deep penetration SNR that is as good as or better than comparable rigid coils. An integrated strap allows each coil to wrap around regular or irregular anatomy, providing form-fitting comfort and immobilization. The coils can also lie flat. Depending orientation, parallel imaging acceleration factors of 2 or higher are practical.

Array Specifications:

Array	Coverage (cm)	
	W x L	Wrap Diameter*
1.5T 16-Channel Flex Coil, Large	23 x 70	15.5 - 21.5
1.5T 16-Channel Flex Coil, Small	23 x 48	11.5 - 15.5

*Each array may be overlapped for smaller FOV; likewise array does not need to wrap completely.

System Requirements

Compatible with Siemens 18 or 32 channel 1.5T Espree MRI scanners with VB19A SH2 software or higher.

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Coil Packages

Item	Catalog
16-Channel Siemens Flex Package: <ul style="list-style-type: none"> • 1.5T 16-Channel Flex Coil, Large • 1.5T 16-Channel Flex Coil, Small • Small Flex Coil Pad Kit • Knee stabilizer 	NC057000
16-Channel Siemens Large Package: <ul style="list-style-type: none"> • 1.5T 16-Channel Flex Coil, Large • Large Flex Coil Pad Kit 	NC053001
16-Channel Siemens Small Package: <ul style="list-style-type: none"> • 1.5T 16-Channel Flex Coil, Small • Small Flex Coil Pad Kit 	NC052001

Individual Coils

Item	Catalog
1.5T 16-Channel Flex Coil, Large	NC053000
1.5T 16-Channel Flex Coil, Small	NC052000

Accessories

Item	Catalog
Large Flex Coil Pad Kit: <ul style="list-style-type: none"> • Small "U" shaped pad • Large "U" shaped pad • Positioning strap 	NC048003
Small Flex Coil Pad Kit: <ul style="list-style-type: none"> • Small "U" shaped pad • Large "U" shaped pad • Wrist pad • Positioning strap 	NC048002
16-Channel Siemens Knee Stabilizer	NC057001

Warranty

The published Company warranty in effect on the date of shipment shall apply. NeoCoil reserves the right to make changes.

Specifications

Component	Dimensions (W x L x H)	Weight
1.5T 16-Channel Flex Coil, Large	29cm x 70cm x 6cm	2.5kg
1.5T 16-Channel Flex Coil, Small	29cm x 56cm x 6cm	2.5kg
Small "U" shaped pad	10cm x 12cm x 15cm	0.1kg
Large "U" shaped pad	15cm x 15cm x 23cm	0.2kg
Wrist pad	12cm x 5cm x 18cm	0.1kg
Positioning strap	4cm x 91cm x 0.5cm	0.1kg
Knee Stabilizer	41cm x 30cm x 15cm	1.2kg



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