

FLEXIBLE IMAGING COILS

Intraoperative imaging coils for the head

Coils designed to deliver diagnostic-quality intraoperative MR images.



POSTERIOR AND ANTERIOR COILS



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(PATIENT IN PRONE POSITION)

FEATURES

- Two-piece coil set designed for use with 1.5T or 3T magnets; may be used individually or as a pair.
- Anterior and posterior coils each have 4 channels for a total of 8 channels when used together.
- Intended for intraoperative imaging of the head.
- Coil set has a flexible anterior section and a flexible posterior section, each with four elements.
- Made of a flexible foam material that conforms to the patient's head and the head fixation device
- Both coils are compatible with parallel imaging and may be used in conjunction with the IMRIS InSitu Wireless coil.

BENEFITS

- Two-piece design provides greater access to the patient during the procedure.
- Adjusts to fit a wide range of pediatric and adult patients in prone, lateral, and supine positions.
- Flexible foam material facilitates positioning and decreases pressure points on patient's head and neck for greater comfort.
- Coils can be re-positioned and removed at any time; posterior coil may remain in position throughout the procedure.
- Signal-to-noise ratios (SNR) are enhanced by positioning the coil elements close to the patient's anatomy – independent of the angle of the head fixation device.

FLEXIBLE IMAGING COILS, HC150 & HC300

TECHNICAL SPECIFICATIONS

	HC150 for 1.5T	HC300 for 3T
General	For imaging of the head	For imaging of the head
Anterior Dimensions (LxWxH)	320mm x 350mm x 45mm	320mm x 350mm x 45mm
Posterior Dimensions (LxWxH)	346mm x 350mm x 50mm	346mm x 350mm x 50mm
Anterior Weight	0.8kg – 1.4 kg with cable	0.8kg – 1.8 kg with cable
Posterior Weight	0.8kg – 1.4 kg with cable	0.8kg – 1.8 kg with cable
Tuning	Fixed tune and match	Fixed tune and match
Pre-amp	Integrated	Integrated
Safety Design	Active decoupling, passive decoupling and RF fuse incorporated into each element	Active decoupling, passive decoupling and RF fuse incorporated into each element
Cable and Interface	Transmission line fitted with cable traps, compatible coil interface to the coil socket on the magnet face	Transmission line fitted with cable traps, compatible coil interface to the coil socket on the magnet face

ORDERING INFORMATION

Please email the purchase order directly to orders@imris.com. Starter kit part numbers for initial order. Each kit contains a set of coils, all associated equipment for the coils, and an operator manual:

Part number	Name
116768-000	HC150 Flex Coil Starter Kit, 1.5T
116769-000	HC300 Flex Coil Starter Kit, 3T