

Product Data

No. MPDMR0255EAA

APPLICATIONS

This coil is a circular RF coil that supports various scan regions. The diameter of the coil loop is only 100 mm. The SNR is therefore high near the coil, and high-resolution images of regions near the body surface, such as the temporomandibular joint and the wrist, can be acquired. The circular loop section is cushioned and flexible, allowing the coil to be set along the patient's body. Two φ100 Flex coils can be combined using the circular coil holder for TMJ imaging (option: MJCA-147A/S1) to produce high-quality images.

COMPOSITION

- φ100 Flex coil 1
- Operation manual 1

APPLICABLE SYSTEMS

This coil is applicable to the Vantage series in which software V1.00 or later has been installed.

SPECIFICATIONS

Electrical Characteristics

- Coil type: Receive only
- Tuning method: Fixed
- Output impedance: Approximately 50 Ω

Performance

- Standard imaging range

Range	Depth from the coil surface
100 mm in diameter	50 mm

Note: The sensitivity distribution is a hemisphere.

Other

Other environmental conditions for use are the same as those given in the system specifications.

APPLICABLE CODES

- IEC60601-1 (1988) + Amendment 1 (1991)
+ Amendment 2 (1995)
- IEC60601-2-33 (2002) + Amendment 1 (2005)
+ Amendment 2 (2007)
- IEC60601-1-2 (2001) + Amendment 1 (2004)

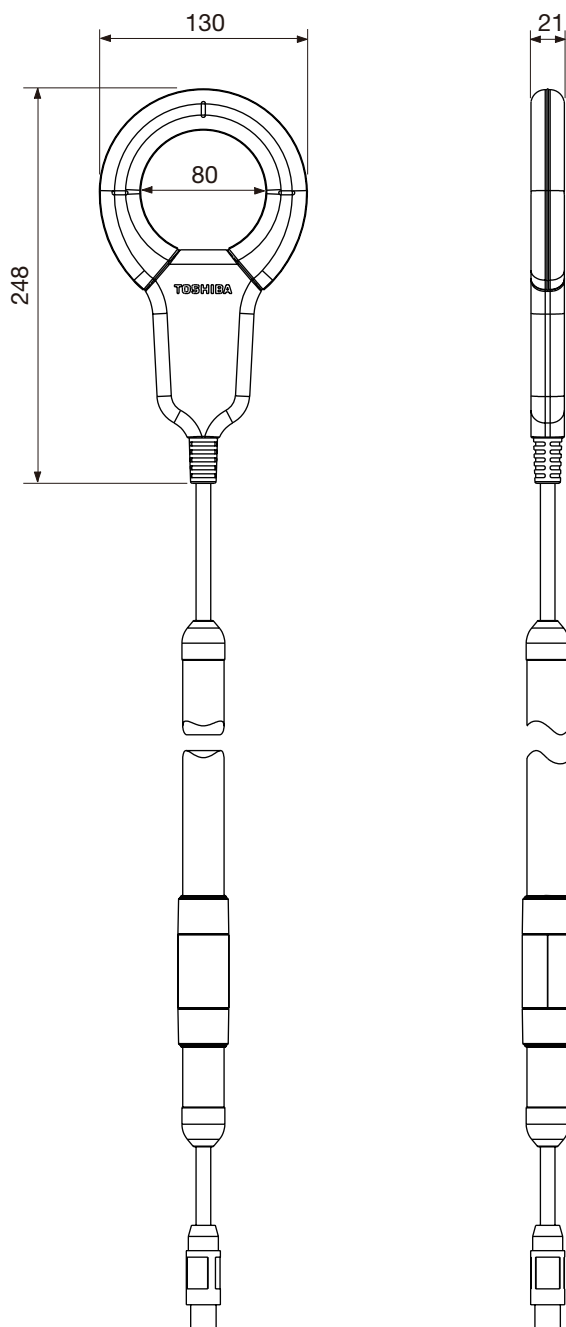
IEC CLASSIFICATION

Class II

Type BF Applied Part

* In the application for FDA approval, the coil name "Phi 100 Flex coil" is used.

OUTLINE DRAWINGS



External appearance of the φ100 Flex coil

Main Color: White and Grey
Mass: Approx. 0.60 kg
Unit: mm



TOSHIBA MEDICAL SYSTEMS CORPORATION

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