

Wireless Cardiac Gating System

APPLICATION

This wireless cardiac gating system provides cardiac gating capabilities, which are essential for cardiac MRI.

This wireless cardiac gating system is required for cardiac studies.

When the optional wireless peripheral pulse and respiratory gating system is added, peripheral-pulse-gated scan and respiratory gated scan are possible, permitting non-contrast-enhanced abdominal scanning etc. to be performed more efficiently.

APPLICABLE SYSTEMS

Requirements for use

The optional Contrast Free MRA Application or Cardiac Application must be installed in the MRI system.

Usable combinations of model number and system are listed below.

Model number of Wireless Cardiac Gating System	Applicable system
MKSU-ECGU05/S2	Vantage Titan 3T
MKSU-ECGU10/S1	Vantage Elan
MKSU-ECGU11/S1	Vantage Titan
MKSU-ECGU12/S1	Vantage Galan 3T
MKSU-ECGU13/S1	Vantage Orian
MKSU-ECGU13/S1	Vantage Fortian

This option may not be available in some countries/regions due to laws and regulations concerning radiofrequencies. To confirm availability, contact your Canon Medical Systems sales representative.

The Quadtrode® electrode series manufactured by Invivo Corporation must be purchased separately.

COMPOSITION

• Wireless ECG module.....	1
• Interface board.....	1
• Wireless receiver.....	1
• Battery.....	1
• Battery charger.....	1
• ECG lead wire.....	1
• Set of connection cables.....	1
• Set of accessories.....	1
• Operation manual.....	1

APPLICABLE CODES

IEC 60601-1 (1988)	+ Amendment 1 (1991)
	+ Amendment 2 (1995)
IEC 60601-1 (2005)	+ Amendment 1 (2012)
IEC 60601-1-2 (2001)	+ Amendment 1 (2004)
IEC 60601-1-2 (2007)	
IEC 60601-1-2 (2014)	

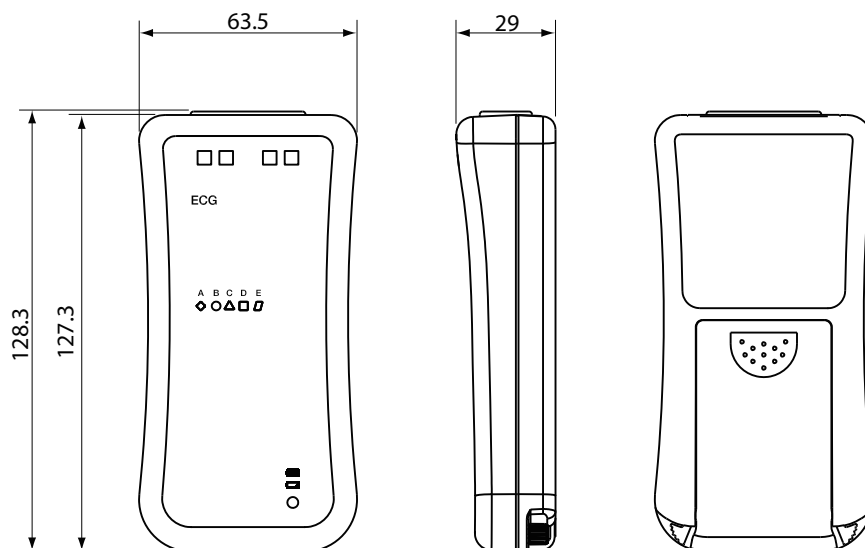
INSTALLATION CONDITIONS

The power and environmental conditions are the same as for the MRI system.

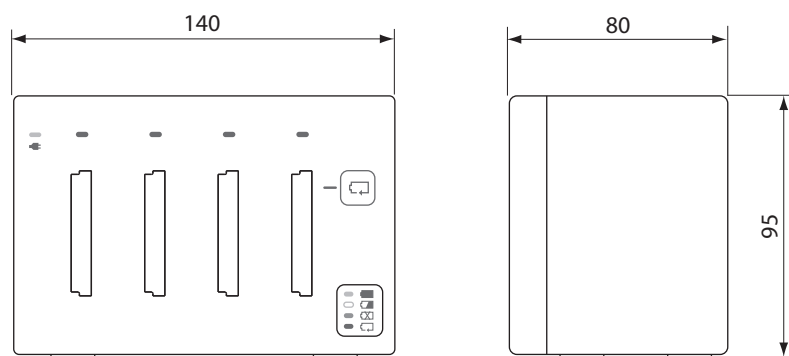
MASS

Unit	Approx. Mass (kg)
Wireless ECG module with battery	0.19
Battery charger	0.37
Others	5

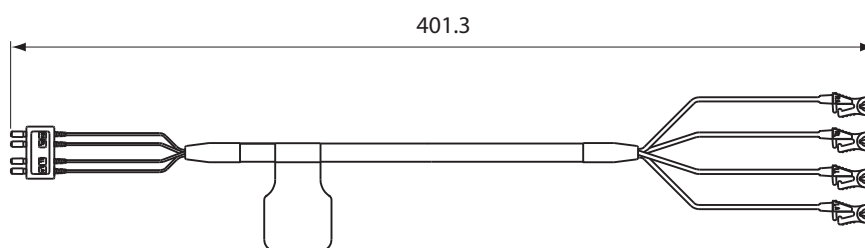
OUTLINE DRAWINGS



Wireless ECG module



Battery charger



ECG lead wire

Unit: mm

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Canon Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.

Canon Medical Systems Corporation meets the Environmental Management System standard ISO 14001.

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