ECG, Respiration and SpO_2 transmitter

LX-8300M

Moving Without Boundaries!

The LX-8300M（Masimo）is a waterproof transmitter used to monitor
the electrocardiogram, respiration and SpO_2 waveforms, and PI (Perfusion Index).
Thanks to the Full color display, measurement values and waveforms can be vividly displayed.
The ECG channel and lead can be changed easily and
approximately 3.0 days of continuous operating time can be achieved.

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FUKUDA

No more worries if dropped in the water.

Conformed to the Waterproof standard
IPX8

The IPX8 standard: Protection against water submersion, under conditions defined by Fukuda Denshi (test completed with normal temperature tap water at a depth of 1.5 meters for 30 minutes with no water ingress found).

※ To maintain waterproof performance, replacement of some parts is needed once a year regardless of the presence of abnormality.

※ Waterproof function is only for the main unit. Sensors are not included.

Full color display gives a higher contrast and provides better visibility

It makes it easier to check pre-inspection information such as the waveform, lead condition, remaining battery level, transmission channel and so on, once electrodes are attached.

When the ECG is displayed | When the RESP is displayed | When the SpO_2 is displayed

General Specification (For CE)

Size	: 72.0(W) mm x 27.0(D) mm x 102.0(H) mm (not including the protrusion)
Weight	: Approximately 190 g (with battery)
Transmitting Waveform	: ECG 1CH or 2CH (selectable from the ECG lead cable), Respiration waveform, pulse waveform (with SpO_2 value)
ECG Lead Cable Type	: 3-electrode, 4-electrode, or 5-electrode (Limb+Chest) lead cable. Automatically detect the type by inserting the lead cable.
Transmitting Status Data	: Electrode Off, Low Battery, Event Switch, Pacemaker, SpO_2 Sensor Off
LCD	: Built-in
Waterproof	: IPX8 (If periodic replacements are performed) / IPX5 IPX5 : Protection from water. IPX8 : Protection from submerge
Power Supply	: DC: Two 1.5V "AA" size("LR6" size)alkaline batteries or two "AA" size("HR6" size)nickel metal hydride batteries
Continuous Operating Time (Standard Operation)	: Two "AA" size("LR6" size)alkaline batteries Approximately 3.0 days with MX1500(DURACELL) Two "AA" size("HR6" size)nickel metal hydride batteries Approximately 2.0 days with eneloop® BK-3MCCE(Panasonic) Conditions: When measuring ECG, RESP, SpO_2 with default settings, operating temperature 23℃
Continuous Operating Time (During SpO_2 OFF Status)	: Two "AA" size("LR6" size)alkaline batteries Approximately 7.5 days with MX1500(DURACELL) Two "AA" size("HR6" size)nickel metal hydride batteries Approximately 5.5 days with eneloop® BK-3MCCE(Panasonic) Conditions: When measuring ECG, RESP, SpO_2 with default settings, SpO_2 measurement OFF, operating temperature 23℃
Operation Mode	: Continuous operation

*Continuous operating time is based on when using a new "AA" size ("LR6" size) alkaline battery specified by Fukuda Denshi.
*eneloop® is a trademark of Panasonic Group.

Optional Accessories (ECG Lead Cables)

Item	Model Type	Remarks
Clip Type Lead Cable	CMT-01CTH-0.8DU	3-electrode (Red, Yellow, Green)
Clip Type Lead Cable	CMT-02CTH-0.8DU	4-electrode (Red, Black, Green, Yellow)
Clip Type Lead Cable	CMT-03CTH-0.8DU	5-electrode (Chest) (Red, Yellow, Black, White, Green)
Hook Type Lead Cable	CMT-01HTH-0.8DU	3-electrode (Red, Yellow, Green)
Hook Type Lead Cable	CMT-02HTH-0.8DU	4-electrode (Red, Black, Green, Yellow)
Hook Type Lead Cable	CMT-03HTH-0.8DU	5-electrode (Chest) (Red, Yellow, Black, White, Green)

Optional Accessories (**Masimo** SpO_2 Sensors)

Model Type	Remarks	
LNCS DCI 1863	Adult (weight of 30kg and over)	Finger, Toe Reusable
LNCS TC-I 1895	Adult (weight of 30kg and over)	Lobe or Pinna of the Ear Reusable
LNCS TF-I 1896	Adult (weight of 30kg and over)	Forehead Reusable
LNCS Adtx 1859	Adult (weight of 30kg and over)	Finger, Toe Single-Patient-Use
LNCS Pdtx 1860	Pediatric (weight of 10 to 50kg)	Finger, Toe Single-Patient-Use
LNCS Inf-L 1861	Infant (weight of 3 to 20kg)	Thumb, Great toe Single-Patient-Use
LNCS Neo-L 1862	Neonate (weight of less than 3kg) Adult (weight of 40kg and over)	Neonate: Hand, Foot Adult: Finger, Toe Single-Patient-Use
LNCS NeoPt-L 1901	Preterm (weight of less 1kg)	Hand, Foot Single-Patient-Use
LNCS Inf-3 2319	Infant (weight of 3 to 20kg)	Thumb, Great toe Single-Patient-Use
LNCS NeoPt3 2321	Preterm (weight of less than 1kg)	Hand, Foot Single-Patient-Use
RD SET DCI 4050	Adult (weight of 30kg and over)	Finger, Toe Reusable
RD SET Adt 4000	Adult (weight of 30kg and over)	Finger, Toe Single-Patient-Use
RD SET Pdt 4001	Pediatric (weight of 10 to 50kg)	Finger, Toe Single-Patient-Use
RD SET Inf 4002	Infant (weight of 3 to 20kg)	Thumb, Great toe Single-Patient-Use
RD SET Neo 4003	Neonate (weight of less 3kg) Adult (weight of 40kg and over)	Neonate: Hand, Foot Adult: Finger, Toe Single-Patient-Use
RD SET NeoPt 4004	Preterm (weight of less 1kg)	Hand, Foot Single-Patient-Use

When using the RD SET Sensor, the following conversion cables are required.

Types of Conversion Cable	Length
RD to LNCS adapter cable 4089	3 ft.
RD to LNCS adapter cable 4105	1.5 ft.

CE 2797

FUKUDA DENSHI reserves the right to change specifications without notice.

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