

# ECG & Respiration transmitter

LX-8100

## Moving Without Boundaries!

The LX-8100 is a telemetry transmitter (ECG and RESP) which

can be used for 7 consecutive days with one AA battery.

Its compact and flat design without protrusions considerably increases patient comfort.

Moreover, its waterproof casing (IPX8) is ideal for daily cleaning.



ECG & Respiration transmitter

# LX-8100

## 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.

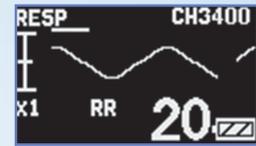


## New OLED display gives a higher contrast and provides better visibility

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

## Improved Patient comfort with flat design

The flat body structure with no protrusions reduces entanglement of cables and is more comfortable to wear.

In addition, the battery compartment has been redesigned to give easier access to the battery.



### Main specification

<b>Transmitting waveform</b>	: ECG 1CH or 2CH (selectable from the ECG cable), and Respiration waveform (RESP).
<b>ECG lead cable type</b>	: 3-electrodes, 4-electrodes, and 5- electrodes (limbs and chest). Automatic detection of the type of lead cable.
<b>Transmitting status data</b>	: Electrode off, Low battery, Event switch, Pacemaker detection, channel ID
<b>Waterproof function</b>	: IPX8 standard
<b>Power supply</b>	: DC1.5V : One "AA" size ("LR6" size) alkaline battery or One "AA" size ("HR6" size) nickel metal hydride battery.
<b>Power consumption</b>	: 0.05W
<b>Continuous operating time</b>	: Approximately 7 days (When using alkaline battery)
<b>Size</b>	: 72.0 (W) × 67.0 (H) × 23.4 (D) mm
<b>Weight</b>	: Approximately 100g (battery included).

### Optional accessories (ECG.RESP lead cable)

Item	Model type	Note
ECG Clip type lead cable	CMT-01CTH-0.8DU	3-electrodes, 1CH (Red, Yellow, Green)
ECG Clip type lead cable	CMT-02CTH-0.8DU	4-electrodes, 2CH (Red, Yellow, Green, Black)
ECG Clip type lead cable	CMT-03CTH-0.8DU	5-electrodes+chest, 2CH (Red, Yellow, Green, Black, White)
ECG Hook type lead cable	CMT-01HTH-0.8DU	3-electrodes, 1CH (Red, Yellow, Green)
ECG Hook type lead cable	CMT-02HTH-0.8DU	4-electrodes, 2CH (Red, Yellow, Green, Black)
ECG Hook type lead cable	CMT-03HTH-0.8DU	5-electrodes+chest, 2CH (Red, Yellow, Green, Black, White)

FUKUDA DENSHI reserves the right to change specifications without notice.

