

**Product Code . ILS-MDE-11538**

## CTG Monitor With Accessories



### Description

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#### DESCRIPTION:

Cardiotocograph (CTG monitor), normal and twins Foetal Heart Rate (FHR) and Uterine Contraction (UC) detection, tabletop, AC and battery powered, with loudspeaker, event marker, printer and accessories

#### TECHNICAL SPECIFICATIONS:

##### Integrated thermal printer:

printing area 110 – 112 mm wide

adjustable paper speed 1, 2 and 3 cm/min

Z-folded thermal paper supply

graduated paper with separate print areas and scales for FHR1, FHR2 and UC

continuous printing, real-time and manual print features

Patient information input and exam storage capabilities

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Data/network connection interface

Display, LCD 5.6 inches, and control panel visualising all working parameters, signals (signal quality, audio settings, FHR1, FHR2, UC, FM) with waveform, alarms, power supply / battery status and system messages

Internal data storage

Automatic self-test

Power consumption 50 W

Audio/visual alarms for FHR1 and FHR2 (low/high, adjustable thresholds, with silencing feature), loss of signal, battery and power supply status, paper/printer and system errors

Battery autonomy > 2 h

Power requirements 110 – 220 V / 50 – 60 Hz

Compact design, suitable for cleaning with hospital-grade detergents

Battery and AC powered, with automatic switch between modes and automatic recharge when connected to mains

Integrated battery charger

External cardiotocograph (CTG), foetal heart rate (FHR) and uterine contraction (UC)

Ultrasound FHR and pressure-sensitive UC continuous detection

Automatic transducer detection and dedicated slots for different transducers

Tabletop device

Automatic Foetal Movement (AFM) feature

2 FHR and 1 UC channels

Equipped with wired remote switch for event marking

Integrated loudspeaker and volume level adjustment

Selectable audio channel (FHR1 or FHR2)

Twins detection and FHR, with separate visualisation of the two signals

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**FHR specifications:**

ultrasound output power < 10 mW/cm<sup>2</sup>

resolution 1 bpm

ultrasound doppler detection with automatic correlation, 2 channels

ultrasound frequency range 1 – 2 MHz ± 10 % (depending on the available model)

accuracy ± 2 bpm

measurement range 40 – 240 bpm

**UC:**

accuracy ± 10 %

external pressure-sensitive detection

resolution 1 unit

automatic and manual zero function




measurement range 0 – 100 units

FHR1, FHR2 and UC value and waveform visualisation and printing

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