# DiaMedical Diagnostics

F2
Fetal Monitor
Quick Reference Guide

⬡ PRODUCT HIGHLIGHTS

- The F2 Fetal Monitor from DiaMedical Diagnostics is capable of dual fetal heart rate monitoring, as well as TOCO, DECG, IUP and fetal movement

- Foldable 5.6″ LCD screen with large numeric and waveform displays for ease of readability

- 1 MHz waterproof FHR Probe enlarges the penetration and deepens the range of detection with improved fetal protection

- FHR signal quality indicator helps optimize the probe position

- Single Button Operation simplifies workflow and allows you to integrate patient info with printing

- Integrated thermal printer with 1/2/3 cm/min real-time printing speed and 15 mm/sec fast printing speed for history traces

- MFM-CNS network for remote monitoring and Insight software for data management on PC

- Includes set of two (2) FHR probes and one (1) TOCO probe, event marker pendant, buttonhole style fetal monitoring belt, ultrasound gel, recording paper, ethernet cable, Insightconnection cable and software CD and RS232 to USB Adapter/CD

- Includes a two (2) year manufacturer warranty for device and a one (1) year warranty for accessories
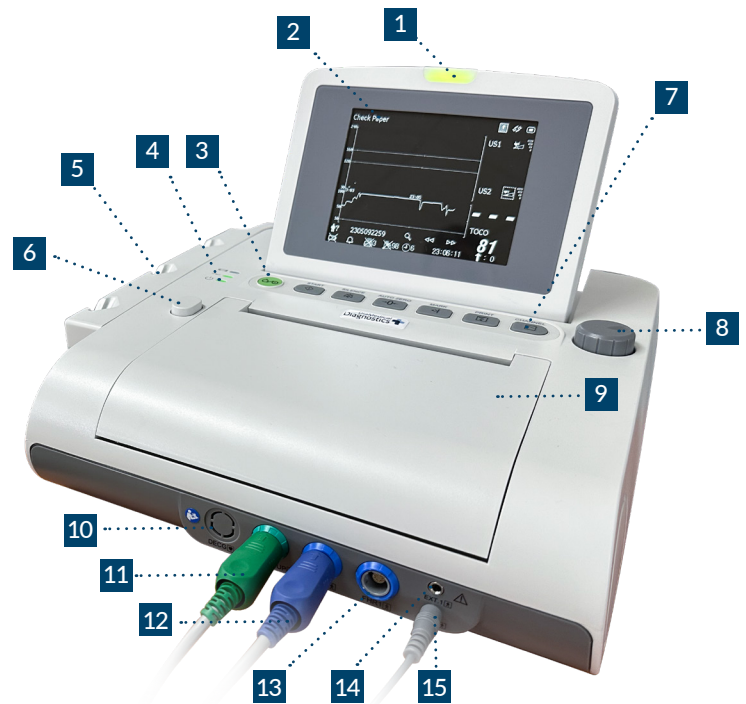
EXTERIOR FUNCTIONS

1	Alarm Indicator	4	Indicators	7	Function Keys
2	Foldable LCD Display	5	Accesory Holder	8	Control Knob
3	Power Switch	6	Paper Drawer Latch	9	Paper Drawer Latch
10	DECG Cable Socket	11	TOCO/IUP Cable Socket	12	FHR1 Cable Socket
13	FHR2 Cable Socket	14	Remove Event Marker Cable Socket	15	Fetal Stimulator (Outside the US) Cable Socket

1	2	3	4	5	6	7	8

START · SILENCE · AUTO ZERO · MARK · PRINT · CHANNEL
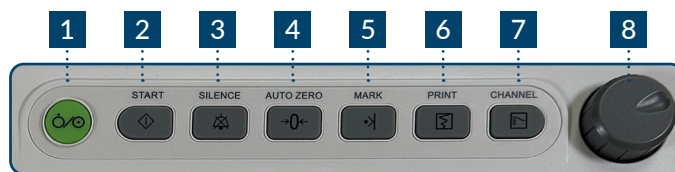
1 Power Button:
Press for at least one second to turn the monitor on or off

2 Start Button:
a. In the main menu, press to start monitoring
b. In setup menus, press to return to main menu the monitor on or off

3 Silence Button:
Press to switch the alarm sound on or off

4 Auto Zero Button:
Press to adjust the external TOCO contractions trace/value to the preset value

5 Mark Button:
Press to make record of an event without using the hand pendant

6 Print Button:
Press to start or stop printing

7 Channel Button:
Press to switch fetal heart sounds between channels US1 and US2

8 Control Knob:
Can be pressed or rotated clockwise/counterclockwise to complete operations displayed on the screen
a. Rotate to move the cursor to the desired position
b. Press to switch between menus on the screen

MAIN SCREEN DISPLAY - CLICKABLE ICONS

Icon	Description
(Maternal Information Icon)	Click the **Maternal Information Icon** to enter the patient's name and ID number using the soft keyboard
(Display Mode Switch Icon)	Click the **Display Mode Switch Icon** to select from trace-numeric, trace or numeric modes
(Setup Icon)	Click the **Setup Icon** to enter the System Setup Menu • Start monitoring • Settings: General, Alarm, Recorder, System, Date and Time
(Fetal Heart Sound Volume Adjustment Icon)	Click the **Fetal Heart Sound Volume Adjustment Icon** and rotate the control knob to increase or decrease the default volume level.
(Trace Review Icon)	Click the backwards arrow in the **Trace Review Icon** to view previous traces and the forward arrow to view the next ones. • Press the control knob to pause the review so you can print the desired traces
(Patient Search Icon)	Click the **Patient Search Icon** to open a list of up to the 200 most recent patient names/ID numbers and their monitoring records. • Move the cursor to the required monitoring record and make a selection by pressing the control knob
(Alarm Review Icon)	Click the **Alarm Review Icon** to display a list of alarm records for the patient and the times when they were active

MAIN SCREEN DISPLAY INDICATORS

| Icon	Description	Icon	Description	Icon	Description	Icon	Description
	Network is ONLINE		Network is OFFLINE		Printing in process		NO printing in process
	Fetal heart sound is muted on this channel		MFM/AFM Count		System Time		Monitoring Timer

FETAL HEART SIGNAL QUALITY INDICATORS

Icon	Description	Icon	Description	Icon	Description
	Poor		Acceptable		Optimal

ALARM STATUS INDICATORS

Icon	Description	Icon	Description	Icon	Description
	Alarm Sounds are ON		Alarm sound is disabled temporarily and remaining time is shown		Alarm sounds are disabled indefinitely

BATTERY STATUS INDICATORS

Icon	Icon	Icon	Icon	Icon	Icon
Fully loaded	75% capacity	50% capacity	25% capacity	Recharge immediately	No battery is loaded

PRODUCT SPECIFICATIONS

Display	5.6" LCD Foldable Screen 640 x 480
Dimensions	13.7" W x 12" D x 4" H
Weight	3.5 kg
Power	100 - 240V 50/60 Hz
Ultrasound Frequency	1 MHz
FHR Measurement Range	50-240 beats/minute
Manual Fetal Movement	Remote Marker
Recording Paper	Z-fold 150/152 mm Thermal Paper

AVAILABLE ACCESSORIES

MT-803	Luxury Trolley for F2 Fetal Monitor
MT-207_plate_f2	Center Pole Trolley with Basket and Locking Casters
JWM6002P	Pivoting Wall Mount
11.56.78106	Carry Bag for F2 Fetal Monitor
01.21.064143	Rechargeable 4200mAh Lithium-Ion battery
Fetal-P	20 Packs of 150/152 mm Thermal Recording Paper

TIPS FOR OPERATION

- Set date and time information in advance. Do not change date or time during monitoring because a new auto patient ID will be assigned.

- Push the lever on the top of the screen to set the display at the desired angle.

- When plugging the transducers into the monitor, make sure the arrow symbols on the connectors are facing upwards.

- Only the US1 channel can perform Auto Fetal Movement Monitoring (AFM) which can be enabled in the main setup menu.

- Due to the LCD size and resolution, the traces displayed on the screen may look different than the recorder printout. The printout should prevail when making diagnoses.

- The monitor automatically saves patient data every two minutes and prior to shutdown, including all fetal monitoring traces and maternal information. The maximum capacity is 60 hours of data .

- Files can be exported to a FAT or FAT32 USB flash drive when monitoring is completed and the monitor is not in the process of printing or connected to the network.

- The monitor case and screen can be cleaned with a soft cloth that has been dampened with 75% ethanol or 70% isopropanol.