



The **Philips Avalon FM50** fetal monitor also offers an extensive set of external and internal fetal parameters, such as ultrasound, direct fetal heart rate, toco and intrauterine pressure, as well as maternal blood pressure, pulse rate, ECG, and SpO2. View maternal and fetal ECG waves on the Avalon FM50's large, colorful display. And if they can monitor triplets, imagine what else the FM50 fetal monitor can do for you.

Features

- Crisp and clear intuitive color touchscreen with large numerics and graphics
- Remote display option, including touchscreen capability, for added convenience and safety
- Backup memory for seamless monitoring
- LAN interface for compatibility with hospital IT networks and access to additional system capabilities
- Smart transducers with auto-recognition simplify operation



Specifications

Dimensions

Height: 6.8 In (17.3 cm)

Width: 16.5 In (41.9 cm)

Depth: 14.6 In (37.1 cm)

Weight: 19.8 lbs (9 kg)

Power

Supply Voltages: 100 VAC to 240 VAC \pm 10%

Supply Frequency Range: 50 Hz/60 Hz

Power consumption (current): 1.3 - 0.7 A

Environmental

Humidity Range

Operating: <95% relative humidity at 104°F (40°C)

Storage: <90% relative humidity at 140°F (60°C)

Altitude Range

Operating: -1640 to 9840 ft (-500 to 3000 m)

Storage: -1640 to 43000 ft (-500 to 13100 m)

Measurements

Up to three fetal heart rates externally using ultrasound

DECG including ECG waveform display via combined Toco/ECG "Toco" transducer (also can measure MECG)

Uterine activity externally, or intrauterine pressure

Maternal heart rate with ECG waveform display

6 second maternal and/or fetal ECG strip, with a choice of real-time recording or "snapshot" together with the fetal trace

Maternal blood pressure and pulse oximetry

More Features

Built-in 6-inch recorder, with paper guide incorporating tear-off edge, for automatic printing of fetal and maternal parameters on the trace

Intelligent transducers are waterproof, light, comfortable to wear and easy to clean

Automatic channel management lets you connect any fetal transducer, patient module or remote event marker to any fetal sensor socket

Cross-Channel Verification between all fetal and maternal heart rates

The blue transducer Finder LED lets you identify at a glance which transducer is monitoring which measurement, while the position indicator shows you to which fetal sensor socket a transducer is connected

Transmission of fetal and maternal parameters to an obstetrical surveillance system

