

# FETAL DOPPLER

# EMCO D520

A dedicated equipment designed for monitoring pregnancies using the principle of Doppler ultrasound

A complete self-contained system for fetal monitoring, with a permanently fixed 2 MHz transducer

- Fetal heartbeats can be monitored from the 10th week of pregnancy
- Detection of multiple pregnancies
- Localisation of placenta
- Identification of blood flow through umbilical cord
- Frequent monitoring throughout pregnancy provides constant reassurance to mother



- Output can be presented in two different ways:  
Built-in speaker & Headset/Headphones attachment
- Hand-held battery-powered audio unit (fits into palm)
- **Auto power shut-off facility for maximum battery life**
- **Battery low indicator**
- Can be connected to mains through A.C.Adaptor

**Manufactured since 1991 and more than 3000 nos. in use**

**Transducer is manufactured using imported crystals for better sensitivity**

**Deluxe Model (D520D)** supplied with : Carry Case, Headset, Demo CD, Gel, Battery, Operating instructions

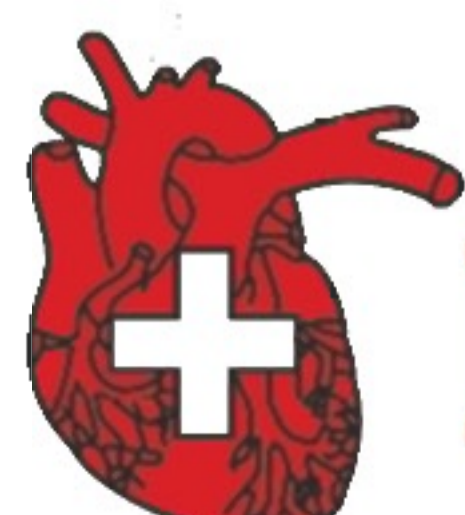
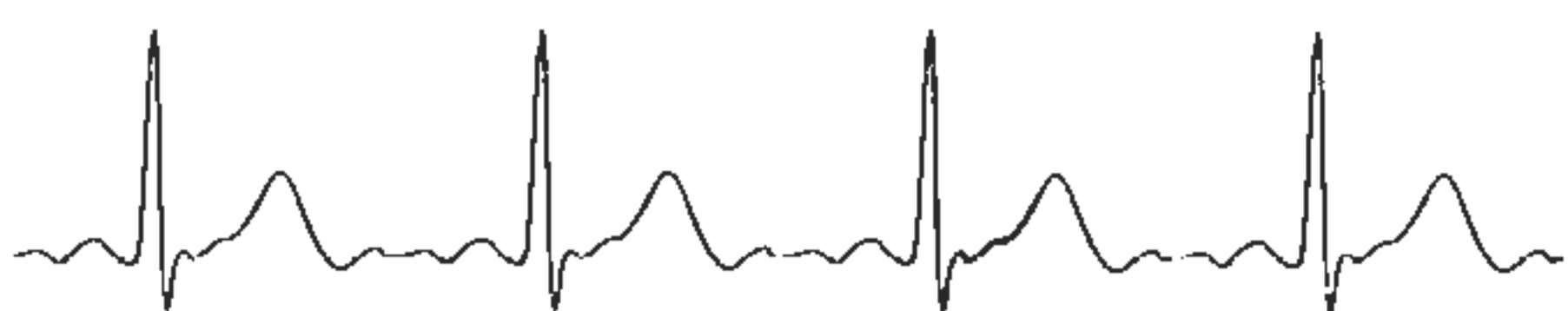
**Economy Model (D520E)** supplied with : Compact Carry pouch, Demo CD, Gel, Battery, Operating instructions



Emco Meditek, an ISO9001:2008 & ISO13485:2003 certified company, was formed in the year 1989 with the main objective of manufacturing and marketing of Electronic Medical Equipment. The equipment are designed and manufactured indigenously with the assistance of technology obtained from leading Medical Equipment manufacturing companies around the world especially USA, UK and Germany.

## TECHNICAL SPECIFICATIONS

Audio output	400mW	Dimensions	128 x 69 x 38 mm
Tape Output (normal)	10mV from 10K Ohms	Weight	340g
Automatic Shut-off	10 minutes (Approx)	Battery type	9V Alkaline
Transducer	2Mhz ( $\pm 10\%$ )	Battery life	Upto 3 months normal operation
Acoustic Output	12mW/cm <sup>2</sup> (Max)		
Frequency Response	300 Hz - 1 KHz		



At the heart  
of healthcare

**EMCO MEDITEK<sup>®</sup> PVT. LTD.**

An ISO9001:2008(TUV Rheinland) & ISO13485:2003(Zenith/ASCB) Certified Company

