External Fetal Doppler

The Grafco External Fetal Doppler is intended for use as a diagnostic tool to measure Fetal Heart Rate and Maternal Uterine Contraction in a hospital or clinic setting using non-invasive, ultrasound Doppler and external TOCO technique.

**Included features**
- 4.1” x 3.1” adjustable LCD
- Build-in thermal line recorder
- Nine-crystal broadband pulsed wave transducer
- Remote marker automatic fetal movement recognition
- TOCO monitoring
- Real-time displaying CTG, 12-hour monitoring trends, and playback
- Audible and visible alarm with upper and lower alarm limits settings
- Automatic transducer identification

**Specifications:**

- **Dimensions:** 13.0 W x 10.6 D x 3.9 H in. (330 x 270 x 100 mm)
- **Weight:** 7.7 lb (3.5 kg)

**Safety:**

- Complies with: IEC 60601-1, IEC 60601-1-2, EN 55011, IEC 1157, YY 0449-2003

**Display:**

- Backlight: Cold cathode fluorescent
- Active Area: 4.1W x 3.1 H in. (103.0 x 79.0 mm) (320 x 240 dots)
- Resolution: 85 dots per inch

**Printing:**

- Recording Paper: Z-fold, thermal
- Printing Width: 4.4 in. (112mm)
- Paper Advance Speed: 1cm/min, 2cm/min, and 3cm/min (optional)

**Contraction (External TOCO)**

- TOCO Range: 0% - 100%, 135g strength corresponding to 100%
- Sensitivity: 3.7uV/V/mmHg

**Marking:**

- Manual fetal movement marking

**Ultrasound Transducer:**

- System: Pulsed Doppler
- Weight: .35lb (160g)
- Cable Length: 98 in (2.5m)
- Dimensions: 3.5 x 2.6 in. (90mm x 65mm)
- Latex Free

**TOCO Transducer:**

- System: Passive Strain Gauge
- Weight: .33lb (150g)
- Cable Length: 98 in (2.5m)
- Dimensions: 4.0 x 2.0 in. (102 x 50 mm)
- Latex Free

**Remote Marker**

- Length: 98 in (2.5m)
- Weight: .12 lb (56g)