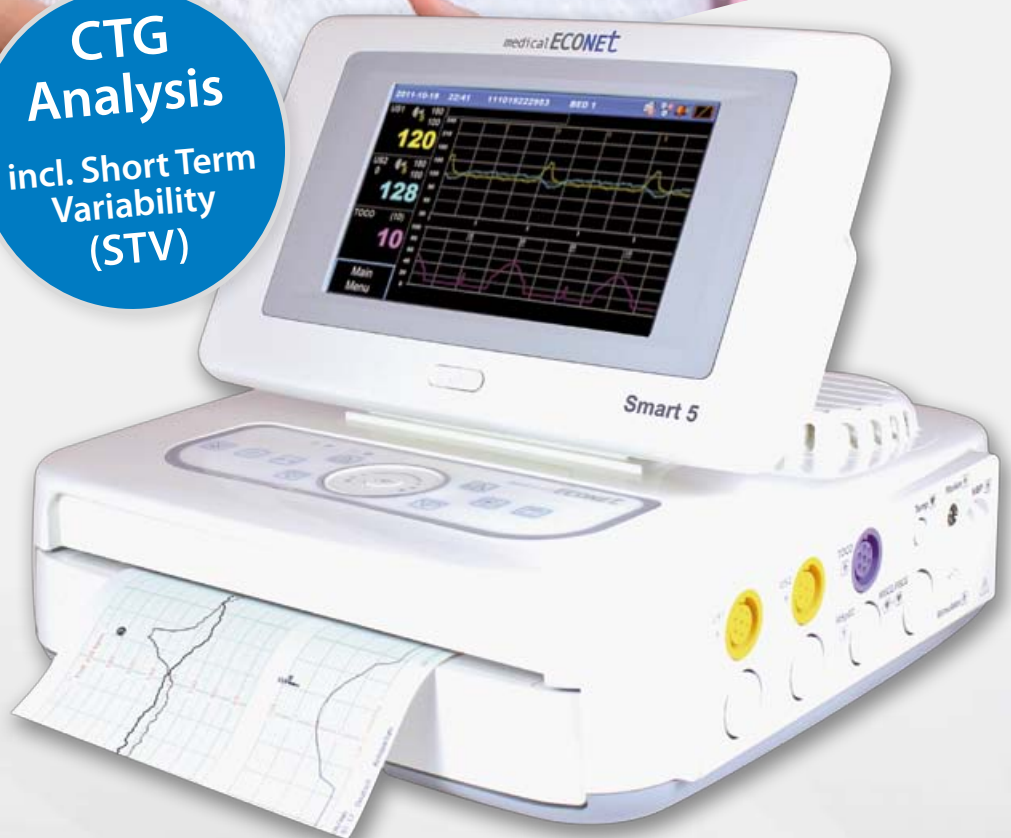




**CTG
Analysis**
incl. Short Term
Variability
(STV)



Smart 5

Twin Fetal Monitor with CTG Analysis



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G E R M A N Y

- Digital Signal Processing
- High Sensitivity and Penetration
- Foldable LCD Display
- Touch Screen
- Intuitive User Interface
- Build in Memory for CTG & Trend
- Professional CTG Analysis
- Software for Data Storage in PC (optional)

Specifications

Ultrasound	
Ultrasound frequency	1.0MHz / 87 µsek
Intensity	< 10 mW / cm ²
FHR Range	50 - 210 bpm
FHR Accuracy	150 - 160 bpm = ± 1 bpm 50 - 120 bmp = ± 2 bpm 160 - 210 bmp = ± 2bpm
Fetal movement Detection source	pulsed doppler 0.97 MHz (PWD)
Probe Type	9 crystals
UC (Uterine Contraction)	
Type	UC-Probe / Strain-Gauge Technology
Frequency response	DC ~ 0.5 Hz
Measurement range	0 ~ 99 Units
Reference (zero) control	Yes, manual switch
Printer	
Printer Thermal array type	152mm x 30m / 215mm x 30m Thermal Paper, Z-Folder
Print speed	1, 2, 3 cm / min 25 mm / sec
Auto Paper feeding function	Yes
Display	
Type	4,7" Color Display (320 x 240 pixels)
Indications	Fetal Heart Rate Uterine Contraction Graphical and Alphanumeric
Set-up	
Alarm	Upper/ Low limit value
Record (printing)	Speed, paper Grid, Fetal movement On/Off
Input Power	100-240V (50/60Hz), 18V / 2,5A Power Supply
Others	Time / Date, Print contrast, Auto print period
Additional Functions	
Eventmarker	Yes
Data storage	72 Hours
CTG - Analyse on Dawes / Redman	Average Baseline FHR Count of Contractions Count of Accelerations Count of Decelerations Late/ Early/ Variable Short Term Variability Tachycardia Bradycardia Measuring Interval: min. 10 min.

Accessory	
Standard Accessory	2 US-Probe, 1 TOCO-Probe, 1 Eventmarker, 3 CTG-Belts, 1 roll printer paper, 1 bottle ultrasound gel, 1 Power cable, User Manual, rechargeable Battery
Optional Accessory	Mobile card & stand, PC-Software

Dimensions

303 (W) x 300 (H with erected Display) x 244 (D) mm, about 4,7 kg



Standard Accessory



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Distributor

*All specifications are subject to change without notice