



medical **ECONET**  
GERMANY

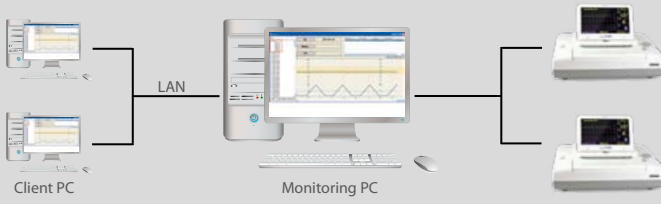


## ECOtwin LCD

Modernized user-friendly antepartum fetal monitor

- 7" Color Display (800 x 480), rotatable by 270°
- 9 - crystal US-probes with 0,985 MHz frequency
- Waterproof IXP8 (US & UC)
- Integrated Li-Ion battery
- Two USB ports for data storage
- LAN port for data transmission
- Short Term Variability (STV) Analysis
- CCV (Cross-Channel Verification) Function
- 450 hours patient data saving
- Incl. probes, event marker, CTG-belts, ultrasound gel and paper
- Multiple language support
- Free Central Software

# Specifications

<b>Ultrasound</b>
Multicrystal transducer with 9 elements
Pulsed doppler
Ultrasound frequency: 0.985 MHz
Intensity: <math><10\text{mW} / \text{cm}^2</math>
FHR range: 30 ~ 240 bpm
FHR accuracy: $\pm 2\%$ of range
Waterproof IPX 8
<b>UC (Uterine Contraction)</b>
External type
Reference (Zero) Control
Measurement range: 0 ~ 99
Waterproof IPX 8
<b>FM (Fetal Movement)</b>
Detection method: Ultrasound
Dual FM
<b>Display</b>
7" wide TFT color LCD
Heart rhythm
Printing state
Alarm on / off state LED
<b>CTG Analysis</b>
Baseline, OSC. Amp., OSC Num.
Acceleration, Deceleration (early, late, variable)
Movement
Short-Term VAR (min, max, mean)
<b>FREE Central Monitoring System</b>
Up to 8 fetal monitors
Recording and playback of Fetal Heart Rate
Multi-language support
Networking via LAN


<b>Printer</b>
Thermal Z-fold type (width: 150 mm)
Record speed: 1, 2, 3 cm / min
Record contrast: mode 1, 2, 3
Auto record period: Off, 10, 20, 30, 40, 50, 60 min
<b>Set-up</b>
Alarms upper / lower value
Time & Date
Print Contrast 1, 2, 3
Print speed
FHR volume level
CCV (Cross-Channel Verification)
<b>Function</b>
Mark function
UC reference
Zoom in particular response
<b>Signal Interface</b>
2x USB, LAN, RS-232
<b>Environmental Specifications</b>
<b>Temperature Range</b>
Operating: 10 to 45°C
Storage: -20 to 60 °C
<b>Relative Humidity Range</b>
Operating: 5 ~ 85 %
Storage: 20 ~ 95 %
<b>Power Specifications</b>
Power Requirements: 100 - 240 VAC, 50 / 60 Hz
Output: DC + 18V 2.8 A
Battery: Rechargeable, 14.8 V Li-Ion
<b>Optional Accessories</b>
Mobile trolley



CE 0123



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\*All specifications are subject to change without notice