



Pregnabit Pro Mobile CTG

New Solution in High-risk Pregnancies Care



Pregnabit Pro System

Pregnabit Pro was created in order to support the work of doctors and midwives. It is up to the medical professionals to decide when it is necessary and appropriate to deliver the device to the patient. This comprehensive telemedicine solution allows the patient to perform CTG test on her own when indicated between regular medical appointments (including home visits). The mobile CTG gives an identical diagnosis(tracing , reading) as the stationary one.

New possibilities for perinatal care

- Intuitive use and easy set up
- High quality transducers
- Clear and pleasant sound of FHR
- Audible, visual and vibrating feedback
- Remote access to CTG results
- GSM and WI-FI connection
- Possibility of API integration
- Handy, light and comfortable transport case

It measures the following data



Fetal
Heart Rate



Mother's
Heart Rate



Uterine
Contractions



Fetal
Movement Event

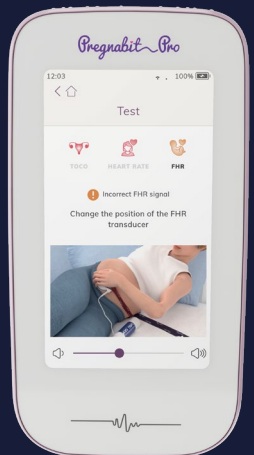
KEY BENEFITS of mobile CTG

For medical staff

- Remote monitoring especially in high-risk pregnancies
- Real-time analysis – pre-screened by algorithms
- Live streaming of the CTG tracing in the Platform
- Diagnostic tool which can be used any time and any where
- Online access to the history of all patient's CTG examinations
- Self-usage of the device by the patient, without the need of medical personnel assistance
- Detection of the coincidence between maternal and fetal heart rate
- Possibility of data collection from other medical equipment (e.g. blood pressure monitors)
- Pre-examination questionnaire for the patient physical and mental state

For hospitals

- Remote CTG system reduces number of hospitalizations
- Reduced burden on medical staff through reduced hospitalizations
- Home patient's self examinations allow to reduce cost of hospital's obstetric care provided
- Increase of patient sense of being well looked after
- Integration with other hospital internal systems available via API
- Data securely stored and archived in the telemedical platform
- Cybersecurity tested, ISO 27001, medical data handling certificate (HDS)
- MDR 2017/45 compliance certification



Contact us



- +48 539 028 566
- salesdepartment@nestmedic.com
- facebook.com/Pregnabit
- instagram.com/pregnabit/

Find us



Find our authorized distributors in your country

Technical Specification

General parameters

- dimensions: 16.3 cm x 8.5 cm x 4.4 cm
- weight: 500 g without probes, 1200 g with probes
- operating temperature: 5-35°C
- measurement accuracy: ± 5 bpm
- lithium-polymer battery: 3500 mAh
- 5 inch touch display
- IP 22
- charger: 5V/2A DC, power supply 100-240 V AC, 50-60Hz, 0.5A

Components of the device

- SOM unit based on the Quectel integrated module
- Audio amplifier coupled with the loudspeaker
- GSM telecommunications module working in LTE standard
- Bluetooth 4.2 LE (low Energy) module
- battery charge control and safety module
- communication modules for communication with peripherals

Cable probes included

- world standard
- FHR sockets: ultrasound, frequency 1 MHz, power < 10 mW / cm²
- IP X1
- applied part type B

Heart rate clip

- Bluetooth 4.0 communication
- OLED color display