

JANUS SERIES Portable Fetal/Maternal Monitor



FEATURE

- 12.1 colour TFT high-brightness screen.
- Equipped with reliable, high sensitivity, 12 element pulse doppler transducer.
- Rotatable screen, can be viewed from different direction.
- Built in high speed thermal printer, printing width can be set to 112mm, 150mm or 210mm.
- 5 different styles of operation display, can be selective.
- Optional function : twins monitoring function, automatic fetal movements detection, AFM waveform displayable.
- Automatic monitoring mode, parameters can be preset.
- Linux operation system, stable, easy to operate.
- 48 hours monitoring data playback
- Rechargeable Li-ion Battery
- Built-in network capability, support wireless network

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JANUS series monitor is high-end fetal monitor, comprised of Fetal Monitor and Maternal/Fetal Monitor. They are designed for use in the antepartum, intrapartum and postpartum applications.

TECHNICAL SPECIFICATION

FHR

Ultrasound sensor : 12 elements doppler transducer
 Ultrasound frequency : 1MHz ($\pm 5\%$)
 Ultrasound power : $\leq 3\text{mW/cm}^2$
 BPM range : 60-210bpm
 Resolution : 1bpm
 Accuracy : $\pm 1\text{bpm}/\pm 1\%$

TOCO

Measurement range : 0-100 relative units
 Resolution : 1 Count
 Accuracy : $\leq \pm 5\%$

RESP

Measurement range : 1-99rpm
 Resolution : 1rpm
 Accuracy : $\pm 2\text{rpm}$

FM

Push marker
 Automatic Fetal Movements Detection is optional

ECG

Heart rate range : 30 - 300bpm
 Accuracy : $\pm 1\text{bpm}/\pm 1\%$
 Leads : I, II, III, aVR, aVL, aVF, V
 Sweep speed : 12.5mm/s, 25mm/s, 50mm/s
 Gain selection : x0.25, x0.5, x1, x2
 Resolution : 1bpm
 Operation mode : diagnostic, monitor, surgery

NIBP

Operation Mode : Manual/Automatic
 Measurement Unit : mmHg/kPo selectable
 Test Interval : 0-480 minutes
 Measurement range : Systolic : 60-240mmHg
 Mean : 40-200mmHg
 Diastolic : 30-180mmHg

Resolution : 1mmHg

Accuracy : $\pm 3\%$
 Pulse rate range : 40-240bpm
 Over-pressure Protection : Yes

SPO2

Range : 0%-100%
 Resolution : 1%
 Accuracy : $\pm 2\%$
 Pulse range : 30-250bpm

TEMP

TEMP range : 26.0°C-45.0°C
 Resolution : 0.1°C
 Accuracy : $\pm 0.2^\circ\text{C}$

Type	Standard Configuration
JANUS B	FHR UA FM
JANUS C	FHR, UA, FM, Maternal NIBP, PR
JANUS D	FHR, UA, FM, Maternal SPO ₂ , PR
JANUS E	FHR, UA, FM, Maternal NIBP, SPO ₂ , PR
JANUS F	FHR, UA, FM, Maternal NIBP, SPO ₂ , PR, ECG, RESP, TEMP
JANUS G	NIBP, SPO ₂ , PR, ECG, RESP, TEMP



Marketing & Service by :

Crystal Medical Systems

219, Vardhaman Shopping Cum Mall, LSC-Sector 23
 Dwarka, NEW DELHI - 110 075

Mobile : 011-28052579, 9312037294, 9312734219

E-mail : crystalmedicalsystem@rediffmail.com

