



## **F 30/ F 50 FETAL MONITOR**

- FETAL HEART RATE (FHR), UTERUS CONSTRICTION (TOCO), FETAL MOVEMENT (FM)
- 7 INCHES HIGH RESOLUTION (800\*480) LCD DISPLAY
- PROGRAMMABLE ALARM ON PROBE OFF-POSITION AND ABNORMAL FHR
- BUILT-IN 152 MM THERMAL PRINTER WITH ADJUSTABLE TRACING SPEED
- TWIN MONITORING FUNCTION

# TECHNICAL SPECIFICATIONS

## SPECIFICATION

Size	: 328 mm (L) X 295 mm (W) X 145 mm (H)
Net Weight	: ≤ 2.5 kg
Resolution	: 800*480
AC power	: 100v ~ 220v; 50Hz / 60Hz
DC power	: 11.1v, 4Ah Rechargeable Lithium Battery
Battery work time	: >4 Hours

## ENVIRONMENTAL SPECIFICATION

Operation	
Environmental temperature	: + 5.C~ + 40.C
Relative humidity	: 25% ~ 93%
Atmospheric pressure	: 860hPa ~ 1060hPa
Store and Transportation	
Environment temperature	: -20.C ~ + 55.C
Relative humidity	: 25% ~ 95%
Atmospheric pressure	: 860hPa ~ 1060hPa

## RECORD

Recording way	: Thermal printing system
Recording paper	: 152 mm (wide) X 13.5m (long)
Paper type	: Z-Fold
Paper speed	: 1cm / min, 2cm / min, 3cm / min
Accuracy	: ≤ +5%
Resolution	: 8 dots / mm

## FETAL HEART RATE (FHR) MEASURING

Measuring method	: Ultrasonic Doppler
Measuring range	: 50 ~ 210 BPM
Accuracy	: ± 2 BPM
Ultrasonic frequency	: MHz
Ultrasonic output intensity	: ≤ 5mW/cm <sup>2</sup>
Display	: Wave/numerical

## FETAL MOVEMENT RECORDING

Manual button marking, (MFM)  
Automatic FM identifying function (AFM)

## F30

### Standard Configuration:

FHR, TOCO, FM, Lithium battery, Printer

### Option:

TWIN FHR, Fetal stimulator, CTG evaluation module.  
Touch screen

## F 50 FETAL/MATERNAL MONITOR

### Standard Configuration:

FHR, TOCO, FM, Lithium, Printer,  
MNIBP, Mspo2, MPR

### Option:

Twin FHR, Fetal stimulator, CTG evaluation Module,  
Touch screen

## TOCO MEASURING

Measuring method	: External measurement
Measuring range	: 0~100(%)
Resolution	: 1%
Non-linear error	: < ± 10

## ALARM

Audible and Visible



Specifications subject to be changed without notice



### Nidek Medical India Private Limited

**Head Office:** 238B A.J.C. Bose Road, Kolkata 700 020, Tel: (033) 4017 7000 (30 Lines), Mob: 93395 66444

**Delhi:** 322, 3rd floor, Ansal Chamber II, 6, Bhikaji Cama Place, New Delhi 110 066, Tel: (011) 2616 5742, Mob: 93501 83222

**Chennai:** W-66, 2nd Street, Anna Nagar, Chennai 600 040, Tel: (044) 4266 3662, Mob: 93808 06777, 93459 70044

**Mumbai:** 211 B, Damji-Shamji Industrial Estate, 9 LBS Marg, Kurla (W), Mumbai 400 070, Tel: (022) 4215 5441 / 80809 14400

**Hyderabad:** H.NO-3-41-66, Sri Laxmi Nilayam, South Block, West Marredpally, Secunderabad 500 026, Tel: (040) 4015 0243, 93468 32266

**Lucknow:** 1/44 Vijayant Khand Gomti Nagar, Lucknow 226 010, Tel: 93361 20941

**Chandigarh:** 2nd Floor, SCO# 355, Sector 32-D, Chandigarh 160 031, Tel: 93562 78899

E-mail: [sales@nidekindia.com](mailto:sales@nidekindia.com), Website: [www.nidekindia.com](http://www.nidekindia.com)

