



MAESTROS
ELECTRONICS

In Critical Times
rely only on the best



Iris 30
Portable Patient Monitor

Iris 30

Portable Patient Monitor

Technical Specifications

ECG

No of leads	: Lead I, II, III, avR, avL, avF, V1-V6
Mode	: Differential
Input impedance	: > 10 Mohms
Leakage current	: < 10 microamps
Frequency response	: 0.05 to 40 Hz (Digital)
Protection	: Against Defibrillator & ESU

SpO₂

Range	: 0-100%
Accuracy	: ± 2% for 70-100% ± 3% for 50-69%
Pulse rate range	: 20 to 250 BPM
Pulse rate accuracy	: ± 3BPM

NIBP

Range	: 0- 250 mmHg
Accuracy	: ± 3 mmHg
Mode	: Automatic, Manual & STAT
Display	: Systolic, Diastolic & Mean Pressure

Measurement time	: 30 to 150 seconds
Measurement intervals	: Programmable

Display

No.of channels	: 2 Nos.
Sweep speed	: 12.5 / 25 / 50 mm / sec
Gain	: 0.5, 1, 1.5, 2
Type	: High resolution 7" color TFT
Parameters	: ECG / SpO ₂ waveforms HR / SpO ₂ / NIBP in numerics

Trend

Duration	: 24 Hrs.
Type	: Graphical / Tabular
Resolution	: 1 Minute

Alarms

ECG (Heart Rate)

High	: 0- 250 BPM Programmable
Low	: 1- 249 BPM Programmable

SpO₂

High	: 0 -100% Programmable
Low	: 1 - 99% Programmable

NIBP

Systolic	: 0 - 250 Programmable
Diastolic	: 1 - 249 Programmable



Features:

- Adult/ Pediatric/ Neonate application
- High resolution 7" color TFT
- 3/5 lead monitoring
- Wired/Wireless Network
- Audiovisual alarms with autaset mode
- 24 hours graphical / tabular trend
- 100 NIBP readings

General

Dimension	: 200 X 100 X 200 mm
Weight	: 3 kgs.
Power	: 230 V, 50-60Hz
Battery	: 11.1 V, 2200 mA/H
Operating time	: 2 Hrs.
Charging time	: 8 Hrs.

Upgradable to thermal printer

Accessories

1. Finger Probe
2. Patient Cable (ECG)
3. Adaptor
4. Cuff (Adult)



Maestros Electronics & Telecommunications Systems Limited

EL-66, TTC Industrial Area, Electronic Zone, Mahape,
Navi Mumbai-400710
Tel:- 022-27611193
Website:- www.metsl.in