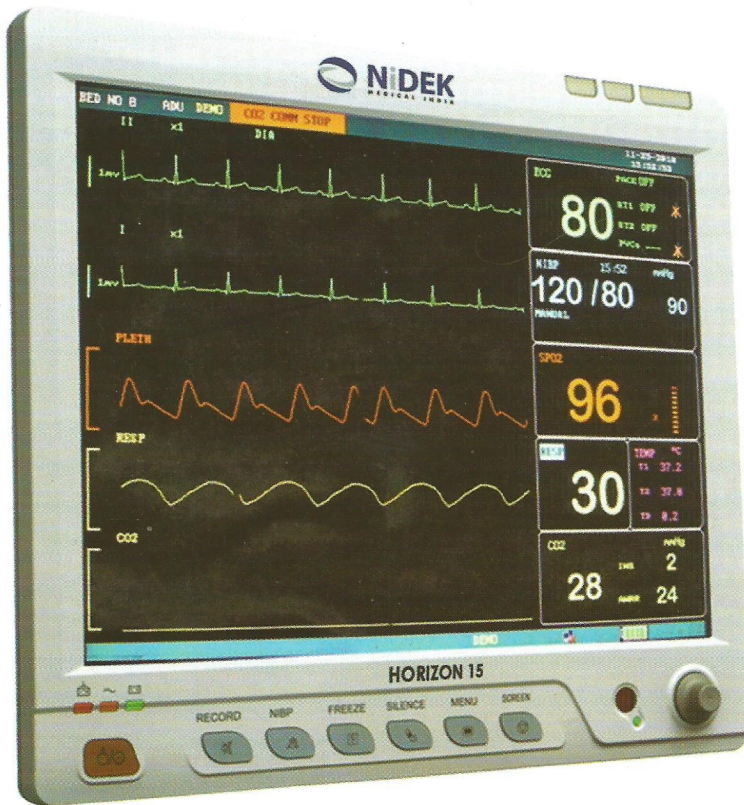




NiDEK
MEDICAL INDIA



PATIENT MONITORING HORIZON 15

ECG / SPO2 / NIBP / RESP / TEMP

Key Features

- For Adult, Pediatric and Neonates
- 15 Inch colour TFT with Touchscreen
- Ultra thin wall mount style – ease of placement and operation
- Alarm function – Multi level pulse volume adjustable – Parameter display colours adjustable
- Automatic freezing and ST segment analysis function
- 192 hour trend graph, 1000 sets of NIBP list, Arrhythmia analysis
- With pacemaking analysis- can be used with pacemakers and defibrillators
- Variety of display styles – Multi-lead ECG, big font display, short trend display interface

Optional add-ons

- Mainstream / Sidestream EtCO2
- Single / Dual IBP
- External recorder

TECHNICAL SPECIFICATION

ECG	Lead Configuration:	Standard 3 Leads RA, LA, LL
	Lead Mode:	I, II, III
	5 leads cable:	RA, LA, LL, RL, and V
	Lead mode:	I, II, III, aVR, aVL, aVF, V
	Gain:	0.25, 0.5, 1, 2
	Heart rate range:	20 – 230 bpm
	Accuracy:	± 1% or ± 1bpm, choosing the greater
	Resolution:	1 bpm
	Sensitivity:	> 200 μ V
NIBP	Input Impedance:	> 5M Ω
	Measurement mode:	Intelligent Oscillation Mode
	Cuff Inflating time :	<30 sec
	Initial cuff Inflating pressure:	Adult Mode: 180mmHg Neonate Mode: 120mmHg
	Maximum Allowed Inflating Pressure:	300mmHg
	Measuring Deflating Time:	Average < 90sec
	Accuracy of blood pressure:	Maximum average error $\pm$ 5mmHg
	Maximum standard deviation:	8mmHg
	Protection of over pressure:	Adult: 300mmHg Peadriatics: 240mmHg Neonates: 150mmHg
SPO2	Sensor:	Two-wave LED
	Range:	0% - 100%
	Resolution:	1%
	Accuracy:	$\leq \pm 2\%$ (70-100%), $\leq \pm 3\%$ (50-69%)
	Range of Pulse rate:	20 ~ 254 beat/min
RESP	Accuracy of Pulse rate:	± 1 beat/min
	Method:	Thoracic Impedance
	RR Measurement range:	0 – 100rpm
TEMP	Accuracy:	± 1 rpm
	Measurement range:	20-45 $^{\circ}$ c
	Measurement unit:	$^{\circ}$ C/F selectable



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