

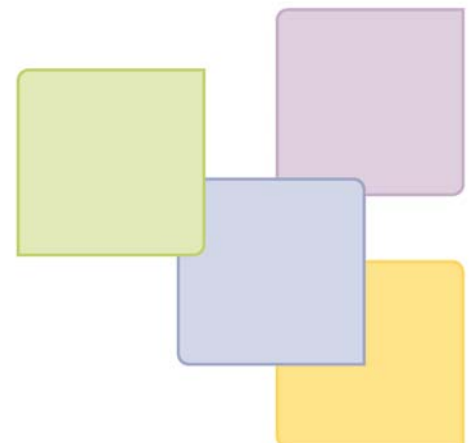


AURUS SERIES VITAL SIGN MONITORING



NIDEK has built up a reputation of providing reliable medical technology solutions to support modern and effective healthcare at all levels.

NIDEK combines experience and expertise, relevant technologies, and continuous testing so that all instruments deliver proven performance even in challenging situations.



AURUS 10

TABLE-TOP PULSE OXIMETER

The NIDEK range of table-top pulse oximeters feature innovative design and high-efficiency performance in monitoring pulse rate and oxygen saturation percentage.

Key Features

- 7 inch LCD display
- Waveform display and alarm function
- Battery backup

SPO₂

- Range 40-100%
- Accuracy $\leq \pm 2\%$ (90%-99%)
 $\leq \pm 4\%$ (70%-89%)
 $\leq \pm 6\%$ (50%-69%)
- Method Dual wavelength LED

Pulse Rate

- Range 30-250bpm
- Accuracy ± 1 bpm



AURUS 20

SPO₂ / NIBP MONITOR

A vital signs monitor specifically designed to keep a continuous check on patients. The Aurus 20 offers bright, clear, "across-the-room" visibility with large LED readouts and crisp waveform displays.



Key Features

- For professionals in the operating room and ICU/CCU care and other occasions.
- 7 inch colour TFT LCD display with high resolution
- For adults, children and neonates
- Manual, Auto and continuation, three kinds of NIBP measuring modes.
- Big eyes warning light
- Built-in battery backup

NIBP

- Measurement Techniques: Intelligent Oscillation method
- Measurement method: Manual and Automatic measurements
- Measuring Range: 0-260 mmhg
- Average error: ± 5.25 mmhg

SPO₂

- Range 40-100%
- Accuracy $\leq \pm 2\%$ (90%-99%)
 $\leq \pm 4\%$ (70%-89%)
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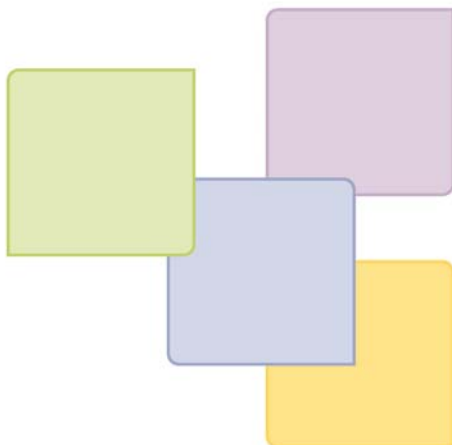


**AURUS 50 IS
UPGRADABLE TO
MASSIMO SPO₂
TECHNOLOGY**

AURUS 50

ECG / SPO₂ / NIBP / RESP / TEMP MONITOR

NIDEK brings you a superior multi-parameter monitor for Neonates to Adult. It is a professional instrument designed to deliver precise results under all circumstances.



Key Features

- Professional for the operating room and ICU/CCU care and other occasions.
- 7 inch colour TFT LCD display with high resolution
- All lead ECG can be stored, 100 VPC waveform recall
- Intelligent pressure oscillation
- High precision measurement, safety, over voltage protection
- Freezing and releasing waveform function, 96 hours trend chart and alarm function
- 1000 NIBP measurement data storage
- Can be used with ESU (Electro Surgical Unit), defibrillator and pacemaker simultaneously
- Big eyes warning light
- Built in battery backup
- Optional 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 (7 leads)
	Gain:	0.25, 0.5, 1, 2
	Heart rate range:	30 – 300 bpm
	Accuracy:	± 10% or – 5bpm, choosing the greater
	Resolution:	1 bpm
	Sensitivity:	> 200 μ V
	Input Impedance:	> 5M Ω
NIBP	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 4mmHg
	Resolution:	1mmHg
	Protection of over pressure:	Adult: 300mmHg Peadriatrics: 240mmHg Neonates: 150mmHg
	SPO2	Sensor:
Range:		0% - 100%
Resolution:		1%
Accuracy:		$\leq \pm 2\%$ (70-100%), $\leq \pm 3\%$ (50-69%)
Range of Pulse rate:		40-250 beat/min
Accuracy of Pulse rate:		± 2 beat/min
RESP	Method:	Thoracic Impedance
	RR Measurement range:	10 – 100rpm
	Accuracy:	1bpm
TEMP	Measurement range:	20-45 $^{\circ}$ C
	Measurement unit:	$^{\circ}$ C/F selectable



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.N0-3-41-66, 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, Website: www.nidekindia.com

