

Four vertical bars of varying heights and colors (yellow, green, blue, purple) are positioned to the left of the title.

# 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

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

#### SPO2

- Range 50%-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  $\pm 1$ bpm

#### Optional Accessories

- Mainstream / Sidestream ETCO<sub>2</sub> of Philips-Respironics
- Built-in thermal recorder



## 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

- Professional for the operating room and ICU/CCU care and other occasions.
- 8 inch colour TFT LCD display with high resolution
- For Adult, Pediatrics and neonates
- Manual, Auto and continuation, three kinds of NIBP measuring modes.
- Review two waveforms of CO<sub>2</sub>/SPO<sub>2</sub>. Totally review 44sets of CO<sub>2</sub> and 80 screens of SPO<sub>2</sub>
- Big eyes warning light
- Built in battery backup

#### Optional Accessories

- Mainstream / Sidestream ETCO<sub>2</sub> of Philips-Respironics
- Built-in thermal recorder

## AURUS 20A

### ECG / SP02 MONITOR

NIDEK has always tried to come up with an 'alternative' that offers high quality and reliable accuracy at affordable cost.



#### Key Features

- Professional for the operating room and ICU/CCU care and other occasions.
- 8 inch colour TFT LCD display with high resolution
- All lead ECG can be stored, 100 VPC waveform recall
- Freezing and releasing waveform function, 96 hours trend chart and alarm function Can be used with ESU (Electro surgical unit), defibrillator and pacemaker simultaneously
- Big eyes warning light
- Built in battery backup
- Standard Built-in thermal recorder

#### Optional Accessories

- Mainstream / Sidestream ETCO2 of Philips-Respironics



## AURUS 50

### ECG / SP02 / 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.
- 8 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 and has 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 & recorder

**Technical Specification:**

<b>ECG</b>	Lead Configuration:	Standard 3 Leads RA, LA, LL
	Lead Mode:	I, II, III
	5 leads cable	RA, LA, LL, RL, 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 $\mu$ V
	Input Impedance:	>5M $\Omega$
<b>NIBP</b>	Measurement time in continuous mode:	5minutes
	Scope of measurement and accuracy:	
	Adult Systolic pressure	50 – 240mmHg
	Diastolic pressure	30 – 200mmHg
	Mean Pressure	22-180mmHg
	Static state pressure range	0 – 300mmHg
	Static state pressure accuracy:	± 3mmHg
	Accuracy of blood pressure:	maximum average error ± 5mmHg
Maximum standard deviation:	8mmHg	
	Protection of over pressure:	Adult: 300mmHg
	Pediatrics:	240mmHg
Neonates:	150mmHg	
<b>SPO2</b>	Range:	40% - 100%
	Resolution:	1%
	Accuracy:	$\leq \pm 2\%$ (90-99%), $\leq \pm 4\%$ (70-89%)
		$\leq \pm 6\%$ (50-69%)

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