NiDEK
MEDICAL INDIA

PRODUCT CATALOGUE

nidekindia.com



OUR RANGE

- OXYGEN CONCENTRATOR
- NEBULIZERS
- PULSE OXIMETERS
- BIPAP & CPAP
- SPIROMETER
- VENTILATORS
- ECG MACHINES
- FETAL DOPPLER & MONITORS
- SYRINGE /INFUSION PUMP
- PATIENT MONITORS
- ANESTHESIA MACHINES

BECAUSE PEOPLE DESERVE TO LIVE A HEALTHY LIFE

ABOUT NIDEK

Nidek Medical India specializes in respiratory care and intensive care devices. We stand by our commitment to providing high quality medical products backed by efficient service. Since its inception in 1999, Nidek Medical India has established a brand name and a country wide presence. With over a hundred active distributors throughout the country, Nidek is amongst the leading solutions providers in respiratory and intensive care areas in India.

OUR VISION

To work towards improving the quality of people's lives by providing only high quality products backed by effective and prompt after-sales services. To become a complete solutions provider in the areas of respiratory and intensive care.

NIDEK PRODUCTS

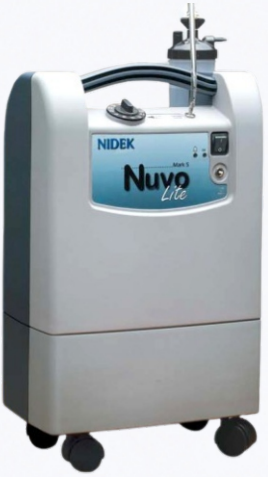
- **OXYGEN CONCENTRATORS**
  Nuvo Lite
  Neo 5
  Micra 5
- **NEBULIZERS**
  Pulmo-mist II
- **PULSE OXIMETER**
  6500
- **BIPAP & CPAP**
  Vion ST 25 & 25 Pro
  Vion Auto CPAP
- **SPIROMETER**
  Primo
- **VENTILATORS**
  Oxymag
  Babymag
  Elara 1000
  Fleximag Max 300/500/700
- **ECG MACHINES**
  ECG 703
  ECG 712
- **FETAL DOPPLER AND FETAL MONITORS**
  Fetal Doppler 260
  Monitor FM 100/ FM6 / FM150
- **SYRINGE / INFUSION PUMP**
  Luna
  Terra
- **PATIENT MONITORS**
  Clara
  Aurus 10
  Aurus 50
  Horizon
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  Bravo 8
  Bravo 10
  Bravo 12
- **ANESTHESIA MACHINES**
  Electron
  Proton



OXYGEN CONCENTRATORS

NUVO LITE

The Nuvo Lite represents the next generation of innovation in Nidek Medical's Oxygen Concentrator family. With a lighter and more compact design and advanced technology, it delivers dependable oxygen therapy while enhancing patient comfort and mobility.



Performance: Ultra quiet operation, sound level ≤ 40 dBA
Compact: 32.2 × 22.2 × 52.2 cm
Flow: Lockable flow control valve, range 0.125 to 5 lpm
Average Power Consumption: 290 W
Oxygen Concentration: 90% (+6.5% /-3%) at 5 lpm
Easy Access: To filter & hour meter
Optional: Bi - flow

NEO 5



NEO 5, the newest innovation in Nidek India's Oxygen Concentrator range. Designed with advanced technology and a streamlined, lightweight form factor, the NEO 5 delivers exceptional performance, reliability, and ease of use.

Performance: Ultra quiet operation, sound level ≤ 50 dBA
Compact: 32.2 × 22.2 × 52.2 cm
Flow: Electronically controlled flow rate range 1 to 5 lpm
Average Power Consumption: 300 W
Oxygen Concentration: 93% ± 3%
Easy Access: Filters
Nebulizing port : Inbuilt
Optional: Bi - flow

OXYGEN CONCENTRATORS

MICRA 5

Introducing the MICRA 5, a next-generation Mini Portable Oxygen Concentrator engineered for freedom, comfort, and dependable performance. Featuring a sleek, ultra-compact design and weighing only 2.35 kg, it offers exceptional portability without compromising oxygen delivery, making it the ideal companion for patients who value mobility and independence.



Display Screen: 3.2" TFT
Size: 225 × 90 × 165 mm
Oxygen Purity: 93% ± 3%
Inspiratory Trigger Pressure: ≤ 0.2 cm H_2O
Flow : Setting 1-5



NEBULIZERS

PULMO - MIST II

Delivers medications quickly and effectively with a free flow rate of 10 lpm, delivered by a powerful, reliable piston-driven compressor

Weighs only 1.4 kg

Built-in Safety: Patient is protected by a built-in compressor relief valve which allows 30 psi delivery

Nebulization rate of 0.3 – 0.35 ml / minute



PULSE OXIMETER



FINGERTIP 6500

Simple to operate and convenient to carry

Small volume, light weight and low power consumption

Dual color OLED displays SpO_2, PR, Pulse bar and waveform

Level 1–10 adjustable brightness

2 pcs AAA-size alkaline batteries; battery-low indicator

When no or low signal is detected, the pulse oximeter will power off automatically in 8 seconds

BIPAP

VION ST 25

Sound Level: <30 dBA
Compact: 250mm x 181mm x 114mm
Display: 3.5 inch
Operational Modes: S, T, ST, CPAP
Flow Range: 10L - 60L/min in 5L/min increments
Weight: 1340 gm
Temperature: +5°C to +35°C (41°F - 95°F)
Auto On /Off: Yes
IPAP range : 4 - 25cm H2O
EPAP range : 4 - 23cm H2O





VION 25 PRO

Sound Level: <30 dBA
Compact: 250mm x 181mm x 114mm
Display: 3.5 inch
Operational Modes: S, T, ST, CPAP, APCV, VAF-ST, VAF-APCV
Flow Range: 10L - 60L/min in 5L/min increments
Weight: 1340 gm
Temperature: +5°C to +35°C (41°F - 95°F)
Auto On /Off: Yes
IPAP range : 4 - 25cm H2O
EPAP range : 4 - 23cm H2O

CPAP

VION AUTO CPAP

Sound Level: <30 dBA
Compact: 250mm x 181mm x 114mm
Display: 3.5 inch
Operational Modes: CPAP, APAP, IAPAP
Flow Range: 10L - 60L/min in 5L/min increments
Weight: 1340 gm
Temperature: +5°C to +35°C (41°F - 95°F)
Auto On /Off: Yes
Pressures Delivered: 4–20 cm H_2O (± 0.5 cm H_2O), adjustable in steps of 0.5 cm H_2O



SPIROMETER



PRIMO

Weight: 1340 gm
Windows Compatible: Yes
User-friendly: Easy-to-use software with intuitive navigation
Options: Multiple calculation criteria and interpretation options
Patient Safety: Disposable SpiroSafe flow transducers provide security in infection control
Spirometry Measurements include: SVC, FIVC, FVC, FVC+ FIVC
Small & Durable: Minimized electronics reduce hardware failures and the need for excessive maintenance procedures

VENTILATORS

OXYMAG

Suitable for adult, pediatric and neonatal in ICU and Transport

5.7 inch Touch Screen Display with a user friendly interface.

Modes:VCV / VCV-AC, PCV / PCV-AC, PLV-AC, V-SIMV + PS, P-SIMV + PS, Dual PAP /APRV, CPAP / PSV, NIV

Light Weight: 3 Kg with 6 Hours of Battery Back-up

Proximal Sensing for faster response

Measurement of Capnography (EtCO2) & Oximetry (SpO2) optional

Graphs and Loops for better monitoring





BABYMAG

Dedicated Ventilator for Premature, Neonatal & Paediatric Application

Modes:VCV / VCV-AC, PCV / PCV-AC, PRVC, PLV / PLV with VG, V-SIMV + PS, P-SIMV + PS, Dual PAP / APRV, CPAP / PSV, MMV, NIV

Touch Screen 15 inch Display

Proximal Flow Sensing for quick response and accurate results

Measurement of Capnography & Oximetry with MASIMO technology

Battery Backup for 3 Hours & Quick Charging batteries

VENTILATORS



ELARA 1000

Suitable for adult & pediatric

Invasive Modes:
VCV, PCV, PRCV, SIMV+VCV, SIMV+PCV, SIMV+PRVC, CPAP, PSV, DUAL PAP, APRV

Non-Invasive Modes:
PCV, SIMV-PCV, NPPV, APRV, CPAP, PSV, HFNC

TV (Tidal Volume) : 20 ~ 3000 mL

15" TFT Screen Display
with a user friendly interface.

Weight : 18.7kg

VENTILATORS



FLEXIMAG MAX

MAX 300

High-performance turbine driven ICU ventilation for adults, paediatrics, and neonates

15" Inch Touch Screen with 210 min of battery back-up

Ventilation Modes:VCV / VCV-AC, PCV / PCV-AC, PRVC, PLV / PLV-AC / VG, V-SIMV + PS, P-SIMV + PS, Dual-PAP / APRV, CPAP / PSV, MMV, VS, CPAP NASAL,PRVC SIMV & MASV NIV, O_2 Therapy

Proximal Flow Sensing for quick response and accurate results

Advanced Monitoring Tools like Capnography and Oximetry

Lung Protective Monitoring with graphically simulated lung display

MAX 500 / 700

High-performance ICU ventilator, driven by compressor for MAX 500 & turbine and compressor based for MAX 700 It is useful for adult, pediatric and neotatal

15" Inch Touch Screen with 210 min of battery back-up

Ventilation Modes:VCV / VCV-AC, PCV / PCV-AC, PRVC, PLV / PLV-AC / VG, V-SIMV + PS, P-SIMV + PS, Dual-PAP / APRV, CPAP / PSV, MMV, VS, CPAP NASAL,PRVC SIMV & MASV NIV, O_2 Therapy

Offer two types of sensors either proximal or distal

Advanced Monitoring Tools like Capnography and Oximetry

Lung Protective Monitoring with graphically simulated lung display

ECG MACHINES

ECG 703

Three Channel ECG machine
with Interpretation
Manual / Auto / Exam/ Rhythm Modes

3.5 inch LCD

80 mm 3 Channel recording
with rhythm lead

Built-in rechargeable Ni-MH battery

Real-time ECG waveform,
cases save / replay

Real-time ECG waveform,
cases save / replay

Adapt to 110 – 400V,
50/60 Hz AC power supply
Built-in USB / RS232 interface
(ECG NET Software optional)



ECG 712



Portable Twelve Channel ECG machine

Manual / Auto / Exam/ Rhythm Modes

7 inch LCD

Alphabetic keyboard for
patient information

Built-in rechargeable Li-Ion battery

Real-time ECG waveform,
cases save / replay

Adapt to 110 – 400V,
50/60 Hz AC power supply

Built-in USB / RS232 interface (ECG
NET Software optional)

FETAL DOPPLER & FETAL MONITORS

FETAL DOPPLER 260



- Easily and conveniently operated
- High-fidelity, crystal clear sound
- Earphone and speaker are feasible
- High sensitivity doppler probe
- Low ultrasound dosage
- Display with color LCD
- Rechargeable battery

MONITOR FM 100



- 7" high-definition color LCD with 360° rotation screen
- It can display waveform and data simultaneously. With function of FHR, TOCO, FM and activities curve of fetal
- Built-In 112mm Thermal Printer With Adjustable Tracing Speed
- Twin Monitoring Function (Optional) Upgradable parameter - fetal stimulation
- Manual/automatic fetal movement can be counted and displayed in the screen
- Real-time printing and timing printing
- Built-in high capacity rechargeable battery
- Monitors fetal heart rate, uterine contraction pressure, fetal movement and fetal activity curve.

FETAL DOPPLER & FETAL MONITORS

MONITOR FM 6

10.4 inch color TFT with stand alone unit
It can display waveform and data simultaneously. With function of FHR, TOCO, FM and activities curve of fetal
Built-In 112mm Thermal Printer
With Adjustable Tracing Speed
Twin Monitoring Function (Optional)
Upgradable parameter - fetal stimulation
Manual/automatic fetal movement can be counted and displayed in the screen
Real-time printing and timing printing
Built-in high capacity rechargeable battery
Monitors fetal heart rate, uterine contraction pressure, fetal movement and fetal activity curve.



MONITOR FM 150

12.1 inch color TFT with 90° horizontal tiltable display
It can display waveform and data simultaneously. With function of FHR, TOCO, FM and activities curve of fetal
Built-In 152mm Thermal Printer
With Adjustable Tracing Speed
Twin Monitoring Function (Optional)
Upgradable parameter - fetal stimulation
Manual/automatic fetal movement can be counted and displayed in the screen
Real-time printing and timing printing
Built-in high capacity rechargeable battery
Monitors fetal heart rate, uterine contraction pressure, fetal movement and fetal activity curve.



SYRINGE / INFUSION PUMP

SYRINGE PUMP LUNA

Front loading type pump

Automatic detection of syringe size capacity

Flow Rate Range: 0.1 – 1200 ml/hr

Drug Library Available

Bolus and KVO Function

Audio / Visual Alarms

Over 6 hours battery backup

Automatic rate calculation with Volume and Time limit





INFUSION PUMP TERRA

Precise and Reliable - Patient safety being of utmost importance. All functions are tested and meet all required guidelines

Simple - The patient-focused user interface helps reduce training time by providing therapy-related information in an easy-to-understand format.

Smart - Graphs and reports provide trending data and delivery history for easy patient assessment, continuous quality improvement, and better patient outcomes

PATIENT MONITORS

CLARA

- Table Top Pulse Oximeter
- SPO_2 + NIBP Functions
- For Adults, Paediatrics & Neonatal use
- 5 inch colour LCD high resolution display
- High performance Lithium Battery
- Upgradable to Mainstream / Sidestream $ETCO_2$



AURUS 10



- Table-top Pulse Oximeter (SpO_2)
- 7 inch colour LCD with high resolution display
- Waveform display and alarm function
- For adults, paediatrics, neonates
- Built-in battery backup

PATIENT MONITORS

AURUS 50

ECG / SpO_2 / NIBP / RESP / TEMP

For adults, paediatrics and neonates

7 inch High Resolution colour LCD Display

Freezing and releasing waveform

96 hours trend chart, alarm function

Built-in Battery Back Up

Optional Recorder





PATIENT MONITORS

HORIZON

ECG / SPO_2 / NIBP / RESP / TEMP

For adults, pediatrics and neonates

12.1" colour TFT LCD display with high resolution

Automatic freezing and ST segment analysis function

96 hours trend chart and alarm function

Upgradable to MASIMO SPO_2

Optional: Mainstream / Sidestream $ETCO_2$, Single / Dual IBP, Built-in recorder



HORIZON 15



ECG / SPO_2 / NIBP / RESP / TEMP

For adults, paediatrics and neonates

15" colour TFT LCD display, touch screen Ultra thin wall mount style

192 hour trend graph, 1000 sets of NIBP list, Arrhythmia analysis, multi-lead, big font , short trend display

Upgradable to MASIMO SPO_2

Optional: Mainstream / Sidestream $ETCO_2$, Single / Dual IBP, Built-in recorder

PATIENT MONITORS

BRAVO 8

For adults, pediatrics and neonates

8.4" color TFT LCD screen,
High brightness, Wide viewing

Super ability in against
electrosurgical interference.

ECG, NIBP, SpO2, HR/PR,
2-RESP, 2-TEMP

Optional: Thermal printer,
Nellcor SpO2, 2-IBP, ETCO2
(main stream or side stream),
Wire or Wireless network,
Wall Mount, Touch Screen





BRAVO 10

For adults, pediatrics and neonates

10.4" color TFT LCD screen,
high brightness, wide viewing

Super ability in against
electrosurgical interference.

Optional: Thermal printer, Nellcor
SpO2, 2-IBP, ETCO2 (main stream
or side stream), Wire or Wireless
network, Wall Mount, Touch Screen,
12 Lead ECG, CO,
Anesthesia Gas Analysis

PATIENT MONITORS

BRAVO 12

For adults, pediatrics and neonates

12.1"color TFT LCD screen, High brightness, Wide viewing

Super ability in against electrosurgical interference

Standard: ECG, NIBP, Sp02, HR/PR, 2-RESP, 2-TEMP, rechargeable battery

Optional: Thermal printer, Nellcor Sp02, 2-IBP, ETC02 (main stream or side stream), Wire or Wireless network, Wall Mount, Touch Screen, 12 Lead ECG, C0, Anesthesia Gas Analysis





ANESTHESIA MACHINES

ELECTRON

- 7" TFT LED full touch screen
- Vent modes including VCV, PCV, VSIMV, PSIMV, PSV & Manual
- Tidal Volume 10–1500
- Interlocking switch for easy selection of desired carrier gas among N2O & medical air
- Automatic switching of ventilation drive gas between O2 & medical air
- Inbuilt reservoir tank of 1 Ltr O2 & N2O for emergency backup if any of the gas fails
- 3 gas system
- Universal Patient Type (adult, pediatric & NEONATAL)



Value Added Optional Upgrades



Screen



Heated Circle Absorber



Active AGSS



6 Tube Flowmeter

ANESTHESIA MACHINES

PROTON

- 10" TFT LED full touch screen. Hot keys also available for easy operation
- Vent modes including VCV, PCV, PRVC V-SIMV, P-SIMV, PRVC-SIMV, PSV & Manual
- Tidal Volume 10–1500
- Interlocking switch for easy selection of desired carrier gas among N2O & medical air
- Automatic switching of ventilation drive gas between O2 & medical air
- Inbuilt reservoir tank of 1 Ltr O2 & N2O for emergency backup if any of the gas fails
- 3 gas system
- Universal Patient Type (adult, pediatric and neonatal)



Value Added Optional Upgrades



SpO2 Monitoring



Heated Breathing System



Active AGSS



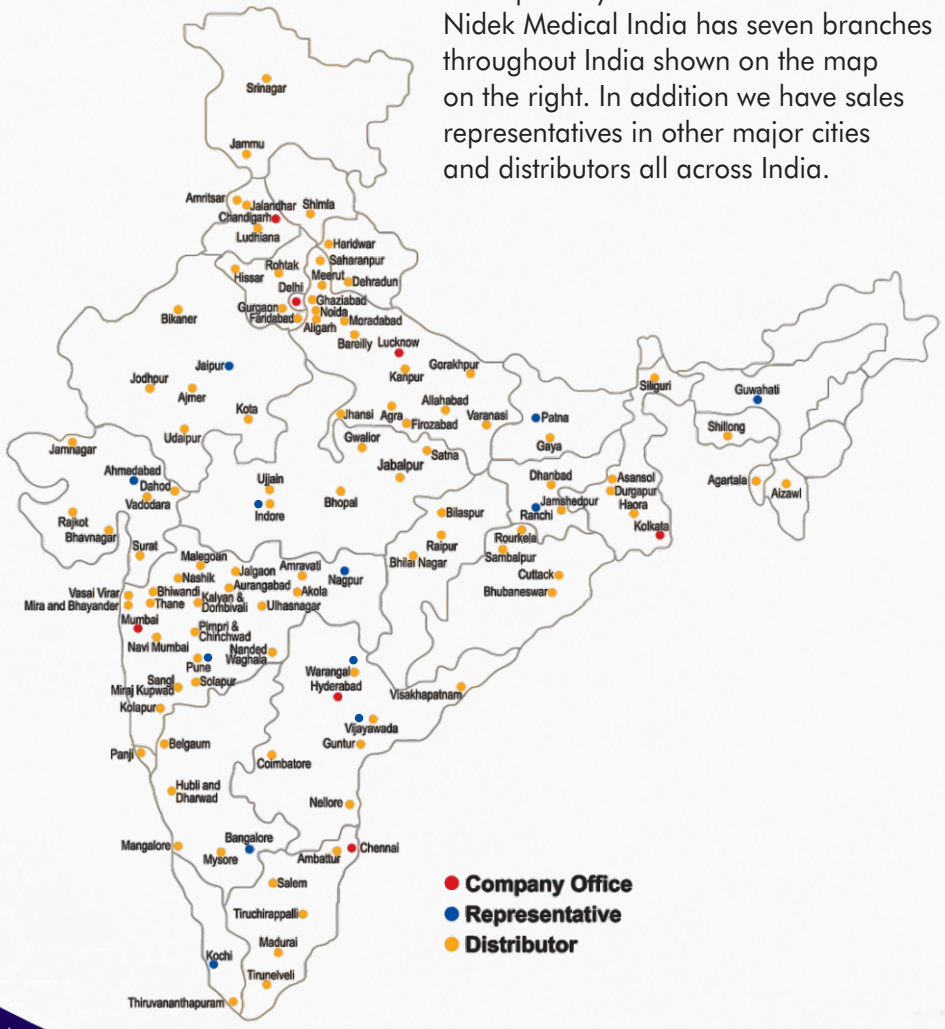
AGM Module



Six Tube Rotameter

DISTRIBUTION & SERVICE NETWORK

With over a hundred active distributors throughout the country, Nidek is amongst the leading solutions providers in areas of Respiratory & Intensive Care in India. Nidek Medical India has seven branches throughout India shown on the map on the right. In addition we have sales representatives in other major cities and distributors all across India.



NiDEK
MEDICAL INDIA

Connecting Life & Technology

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