

Technical Specifications

Parameters

Oxygen concentration	Adjusting range: 21% - 100%
	Monitoring range: 15% - 100%
CPAP	Adjusting range: 0cmH ₂ O - 15cmH ₂ O
	Monitoring range: 0cmH ₂ O - 60cmH ₂ O
Continuous flow	Adjusting range: 2L/min - 20L/min
	Monitoring range: 2L/min - 20L/min
Manual ventilation	Output flow: 20L/min ± 5L/min
Air compressor	Continuous output flow: ≥ 25L/min
	Peak output flow: ≥ 120L/min
Oscillograph display	P-T (pressure - time)

Working Conditions

Gas source	O ₂ , AIR
Pressure	280kPa - 600kPa
Voltage	100 - 240V
Power frequency	50Hz ± 1Hz
Input power	Main component: ≤ 25W
	Air compressor: ≤ 675W

Alarms and Protection

AC power failure alarm	Power failure or no connection
Internal backup battery low voltage alarm	< 11.3 ± 0.3V
High oxygen concentration alarm	19% - 100%
Low oxygen concentration alarm	15% - 99%
High airway pressure alarm	1.5kPa - 6kPa
Low air input pressure alarm	< 200kPa
Low oxygen input pressure alarm	< 200kPa
Air and oxygen blender alarm	When any gas source lack
	When differential pressure > 0.1mPa
Compression pump alarm	Excess temperature

Size

Wooden case packing size	L 670*W 700*H 1410mm
G.W.	90KG
N.W.	57.2KG



NLF-200A



NLF-200C



NLF-200D

NLF-200A
CPAP System

Friendly Powerful Reliable



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Cherish your life, Cherish your health!

NLF-200A CPAP System



Application

The CPAP System makes a good performance in Neonatal Intensive Care Units (NICU) and other departments. Rooe Medical CPAP System offers you the choices you need in ventilation, monitoring and technique. The expertise in ventilation is based on more than 23 years rich history of developing CPAP solutions that meet your requirements. Great performance is based on high security, high accuracy, high stability and accurate monitoring.



7" TFT LCD screen



Shuttle button



Humidifier



Air compressor



Oxygen sensor

Trust Points

- Simplicity: easy to use, easy to move with 4 casters.
- Option: adapt the equipment to your patients and procedures freely.
- Trust: designed and manufactured by Rooe Medical with over 23 years experience in this field.
- Friendly: flexible configurations meet your requirements.
- Quality: international standard and advanced technology suitable for all baby patients around the world.
- Convenient: compact interface and big screen give you better operating experience.
- Worldwide: over 2,000 units are installed around the world.

Features

- 7" TFT LCD screen displays the ventilation parameters, alarm information and oscillographs.
- Intergrated breathing circuit design, ensure easy operating and keep hygiene.
- Multiple parameters monitoring interface ensures every parameter is clear, let operator know the patient conditions in all aspects.
- Real time pressure-time oscillographs and high precision oxygen concentration detection function included.
- Built-in air and oxygen blender, ensure stable oxygen concentration.
- Stable and low noise air compressor creates quiet work environment for doctors and patients, able to support 2-3 CPAP machines at the same time.

Safety

- Three levels alarm system, visual and audible alarm information.
- Different types of alarm, reminder and protection functions are available.
- Advanced power management control technology.
- Built-in backup battery provides the emergency power supply to the unit.



Cherish your life, Cherish your health!

NLF-200C CPAP System

Friendly Powerful Reliable

Application

The CPAP System makes a good performance in Neonatal Intensive Care Units (NICU) and other departments. Rooe Medical CPAP System offers you the choices you need in ventilation, monitoring and technique. The expertise in ventilation is based on more than 23 years rich history of developing CPAP solutions that meet your requirements. Great performance is based on high security, high accuracy, high stability and accurate monitoring.



Cherish your life, Cherish your health!



NLF-200C CPAP System

Trust Points

- Designed and manufactured by Rooe Medical with over 23 years experience in this field.
- International standard and advanced technology is suitable for all baby patients around the world.
- 3.5" TFT LCD screen displays the ventilation parameters and alarm information.
- High precision oxygen concentration shows in real time.
- Built-in air and oxygen blender, ensure stable oxygen concentration.
- Advanced power management control technology.



3.5" TFT LCD screen



Shuttle button



Humidifier

Technical Specifications

Oxygen concentration	Adjusting range: 21% - 100%
	Monitoring range: 15% - 100%
CPAP	Adjusting range: 0cmH ₂ O - 15cmH ₂ O
	Monitoring range: 0cmH ₂ O - 60cmH ₂ O
Continuous flow	Adjusting range: 2L/min - 20L/min
	Monitoring range: 2L/min - 20L/min
Gas source	O ₂ , AIR
Pressure	280kPa - 600kPa

Voltage	100 - 240V
Power frequency	50Hz ± 1Hz
Input power	Main component: ≤ 25W
	Air compressor: ≤ 675W
Wooden case packing size	L 670*W 700*H 1410mm
G.W.	90KG
N.W.	57.2KG

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NLF-200D CPAP System

Friendly Powerful Reliable

Application

The CPAP System makes a good performance in Neonatal Intensive Care Units (NICU) and other departments. Rooe Medical CPAP System offers you the choices you need in ventilation, monitoring and technique. The expertise in ventilation is based on more than 23 years rich history of developing CPAP solutions that meet your requirements,. Great performance is based on high security, high accuracy, high stability and accurate monitoring.



Cherish your life, Cherish your health!

NLF-200D CPAP System

Trust Points

- Simplicity: easy to use, easy to move with 5 casters.
- Option: adapt the equipment to your patients and procedures freely.
- Trust: designed and manufactured by Rooe Medical with over 23 years experience in this field.
- Friendly: flexible configurations able to customize your requirements.
- Quality: international standard and advanced technology suitable for all baby patients around the world.
- Convenient: compact interface and big screen give you better operating experience.
- Worldwide: over 4,000 units are installed around the world.

Features

- Integrated breathing circuit design, ensure easy operating and keep hygiene.
- Built-in air and oxygen blender, ensure stable oxygen concentration.
- Reliable CPAP control valve and pressure monitoring system improve CPAP adjustment precision.

Safety

- Two casters with brake, ensure stable operating.
- Pressure guage and flow meter ensure accurate adjusting of parameters.



Flowmeter



Humidifier



Pressure gauge

Technical Specifications

Oxygen concentration	Adjusting range: 21% - 100%
CPAP	Adjusting range: 0cmH ₂ O - 10cmH ₂ O
Continuous flow	Adjusting range: 1.5L/min - 15L/min
Gas source	O ₂ , AIR
Pressure	280kPa - 600kPa

Wooden case packing size (main component)		L 700*W 710*H 380mm
G.W.		35KG
N.W.		17.7KG
Wooden case packing size (Trolley)		L 160*W 195*H 1100mm
G.W.		6.7KG
N.W.		2KG

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