

medin[®]CNO[®]mini

nCPAP driver

Comprehensive respiratory support for pretermatures and newborns from the first minute of life.

The advanced driver in nasal CPAP therapy in neonatology.

medin[®]
medical innovations



This device is combining nCPAP, ApneaCPAP, NIPPV and High Flow.

medinCNO®mini supplies the NICU with all basic CPAP and High Flow functions you need.

CPAP modes:

nCPAP, ApneaCPAP,
NIPPV,
BackUp function, LeakAssist

Pressure trigger:

Innovative pressure trigger-
near patient,
system integrated

High Flow

Measurements:

Fast, reliable

Servicing:

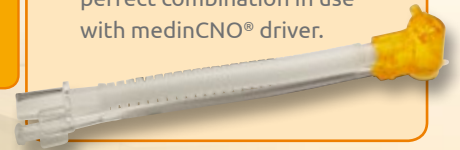
Cheap and easy

Alarm management:

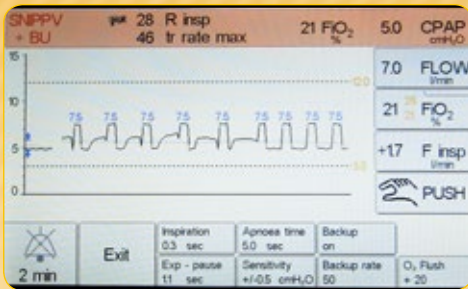
Individual



- **nCPAP generator Medijet®**
perfect combination in use
with medinCNO® driver.



technical data & facts



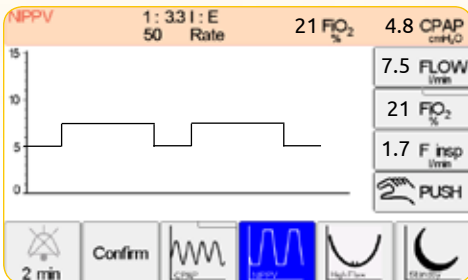
CPAP and LeakAssist

Together with the variable flow CPAP generator Medijet[®] medinCNO[®] *mini* offers basic CPAP including comprehensive alarm and monitoring features. Leakage compensation can be activated optional. Functions as manual breath an oxygen flush make more than simple CPAP out of this mode.



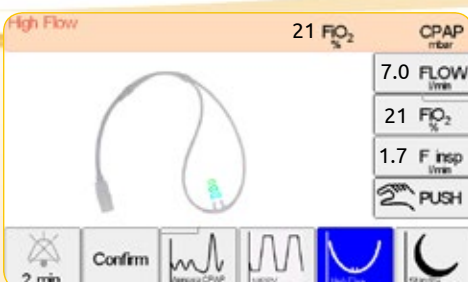
Apnoe CPAP +Backup

With the innovative pressure trigger in the Medijet[®] generator medinCNO[®] *mini* picks up central and obstructive apneas. With an adjustable bilevel pressure support the device can react to apnea with single breath or an adjustable backup rate which is self-limiting in case of spontaneous breathing. NIPPV as a mandatory bilevel mode can be activated also.



NIPPV

NIPPV as a mandatory bilevel mode can be activated also. The rate can be adjusted from 5 to 120 bpm in correlation with the adjusted inspiratory time.



High Flow

The machine provides also High Flow mode for suitable nasal cannulas. The patient can be supported with a maximum of 8lpm between 21% and 100% oxygen level. In addition an oxygen flush is also possible.

Classification	IIb
Size of the device incl. connectors	29 cm x 23,5 cm x 18 cm (W x H x D)
Weight	4,75 kg
Display	7,0" – multicolor, 800 x 480 Pixel
Shown values	• CPAP pressure • CPAP pressure curve (diagram) • Flow • Oxygen concentration • Respiration rate
Electric support	
Power supply (mains)	100-240 V AC / 50-60Hz
Battery	14,4 V DC, 3 hrs. (Bat. operation mode)
Gas supply – Air	3 – 6 bar
Gas supply – O₂	3 – 6 bar
Parameters & Sensors	
CPAP pressure	0 - 15 cm H ₂ O
Peak pressure	max. 18 mbar
Oxygen concentration	21% to 100% oxygen
Safety valves:	Mechanical overpressure valve Electric shut off valve
Oxygen sensor	OOM 102 MLF 16 oxygen cell (3 year interval)
Connectors	
Gas supply connectors	DISS or NIST standard
Patient gas output	M22 / F 15
Patient pressure port	Luer
Mounting	On hospital rails (10 x 25 mm)
Modes	• nCPAP with Leak Assist • Apnea monitored nCPAP with backup function and NIPPV • High Flow
Trigger	Pressure trigger based on the CPAP pressure sensitivity +/- 0.2 to +/- 2.0 mbar (in 0.1 mbar steps)
Alarms	• Disconnection • Overpressure • High CPAP pressure (adjustable) • Low CPAP pressure (adjustable) • Oxygen concentration • Gas supply pressure air • Gas supply pressure O₂
Alarm signals	Optical, acoustical & text message
Connection to external central alarm system	Optional
Data handling	
Actual data	Shown at the display
Internal data recording	28 days
External data interface	USB, RS232 (optional)
Accessories	
Combinable nCPAP generators	Medijet [®] 1000, Medijet [®] 1010, Medijet [®] 1020
Nasal cannulas	Suitable for the device
Tube circuits	Various heated circuits for different kind of humidifiers available.

Distributors

[worldwide]



Your distributor



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