



# CUBE 25 NIV

A NEW APPROACH TO NON-INVASIVE VENTILATION

## MAXIMUM PERFORMANCE, MINIMUM FOOTPRINT

The NEW **Cube 25 NIV** is an innovative non-invasive volume supporting ventilator. The **Cube 25** incorporates intuitive state of the art functionality allowing safe and easy application of the device in a homecare or clinical environment. With its unique trigger technology and target minute volume algorithm, the **Cube 25** will optimise therapy to meet individual patient requirements.

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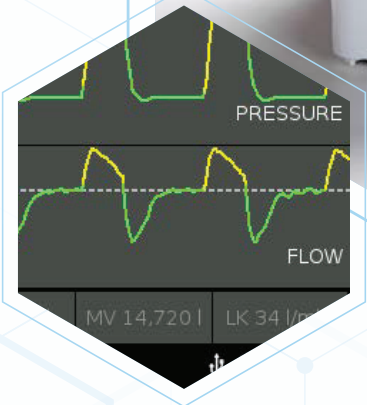
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### INTENDED USE

This **Cube 25 NIV** is a device for non-invasive, non-life supporting respiration of spontaneously breathing patients who have a body weight of at least 13 kg and suffer from respiratory insufficiency.

### DESIGN

- ▶ The device includes a large 4.3" coloured screen display incorporating easy to use tile design menu screens for clear convenient user navigation
- ▶ Flow and pressure Graph Information
- ▶ Light weight, only 1.6kg



### KEY FEATURES

- ▶ Low noise levels
- ▶ \*Max FiO2 delivery on CPAP mode 80% at 15lpm oxygen flow
- ▶ Low maintenance and easy to clean
- ▶ Clinical Menu for the professional
- ▶ Home Menu
- ▶ Can be used in a clinical facility and at home

*\*Refer to user guide for detail and setup requirements*

### TECHNOLOGY

- ▶ Adjustable sensitive flow-based trigger detection with trigger failure auto-detect function
- ▶ Contemporary volume assured pressure support which can be set based on breath-by-breath target volume or target minute volume
- ▶ Extensive device alarm management, including on screen display alarm protocol
- ▶ Turbine blower promising high quality performance for extended, reliable operation
- ▶ The Mask Check function ensures a correct fitting mask

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Manufactured in South Africa

## INFORMATIVE

- ▶ Showing clear simple text information the device displays corresponding data settings including user notifications for incorrect parameter settings
- ▶ Three different menu screen colours identifying Patient and Clinical menu modes



## VARIOUS ADJUSTMENT OPTIONS

- ▶ Two independent adjustable ventilation settings allowing patients to change therapy mode for daytime and night time use
- ▶ The Mask Check function ensures a correct fitting mask even before therapy starts. On screen values identify leakages in order for the mask to be adjusted and corrected

## OPTIONAL HUMIDIFIER

- ▶ User friendly and high humidity performance for maximum comfort during therapy
- ▶ The integrated humidifier connects underneath the Cube 25 NIV without increasing the footprint of the device and therefore saving valuable space



## TECHNICAL SPECIFICATIONS

<b>Ventilation Modes</b>	CPAP / BiLevel S PSV S / BiLevel T PCV / BiLevel ST PSV APCV /
<b>Pressure Range</b>	IPAP 5-25 cmH2O EPAP 3-20 cmH2O CPAP 3-20 cmH2O
<b>Pressure Support</b>	0-25 cmH2O
<b>Target Volume</b>	OFF, 200 - 2.000ml
<b>Target Minute Volume</b>	OFF, 2.000 - 15.000ml
<b>Respiratory Rate</b>	4-30 bpm
<b>Inspiration Time</b>	0.3 - 5.0 seconds
<b>Inspiration Trigger</b>	Five Level settings
<b>Expiration Trigger</b>	Auto, Manual settings 70%-30%
<b>Trigger Lock</b>	0.3 - 8.0 seconds
<b>Alarms</b>	11 System/Therapy alarms
<b>Power supply</b>	Internal Switch Mode Power Supply 100-240 V, 50/60 Hz
<b>Dimensions</b>	Size (W x H x D) 168 x 108 x 182mm Weight 1,6 Kg