

Option NIV

Option NIV offers full non-invasive ventilation capabilities, bringing with it the advantages of reduced intubation and infection rates, speed up recovery times and shorten ICU length of stay.¹

- Savina® 300 Select
- Savina® 300 Classic



ONE DEVICE FOR INVASIVE AND NON-INVASIVE THERAPY:

The Savina® 300 Select and Savina® 300 Classic simplifies the continuous implementation of an optimal ventilation strategy: The NIV option means that non-invasive ventilation can be applied in all modes and whenever the patient is ready for it, without the need to change devices. Should intubation be necessary the therapist can quickly and easily switch to an invasive ventilation mode.

NIV HELPS REDUCE INTUBATION TIME:

Intubation has been linked to an increased risk for the development of ventilator-associated pneumonia², weaning problems and patient discomfort. Due to these risks, both intubation and invasive ventilation should be avoided whenever possible. NIV helps to avoid re-intubation and shorten recovery times^{1,4}.

The use of NIV has been expanded to intensive care applications, including the treatment of acute chronic respiratory failure³. It is an excellent choice for intermittent application when partial respiratory support is needed.

NIV applied as a weaning method in COPD enables faster weaning and has a positive effect on mortality rates⁵.

EXCELLENT SPONTANEOUS BREATHING:

Savina 300 Select and Savina 300 Classic offers you state-of-the-art mask ventilation with stress-free spontaneous breathing with excellent trigger response time thanks to the turbine and its continuous high flow delivery of up to 280 l/min.

SENSITIVE LEAK COMPENSATION:

Leak compensation is an essential part of mask ventilation therapy. With leakage compensation the flow-trigger sensitivity is adjusted according to leak size. In volume-controlled modes, the patient always receives the set Vt. In pressure-controlled modes, the set pressure levels are continuously maintained. Even in the presence of large leaks, the Savina 300 ventilators flexible leak compensation system continuously provides the exact amount of breathing gas needed to complement the patient's flow demand.

INCREASED PATIENT SAFETY AND IMPROVED COMFORT:

When mask ventilation is selected, alarms which are not applicable will not be displayed. In order to avoid artefacts, various alarm settings may be deactivated (MV low, Vti high and Apnea monitoring). For improved patient safety, a clearly visible displayed message alerts the user to any deactivated alarms.



Savina® 300 Select / Savina® 300 Classic

¹ Ferrer M; Am J Respir Crit Care Med Vol 168. pp 1438–1444, 2003

² Collard HR, MD; Sanjay Saint, MD. Prevention of Ventilator-Associated Pneumonia

³ Becker H F, Schönhofer B, Burchardi H. Nicht invasive Beatmung. Vorwort, S 59; Thieme 2005

⁴ Ram FSF et al, The Cochrane Library 2005, Issue 4

⁵ Nava S, Ambrosio N, Clini E, et. al. Ann Intern Med. 128: 721 – 728; 1998



NovaStar® NIV Full-Face Mask
 Ultimate comfort and effective seal through customized fit and silicone-gel cushion: NovaStar NIV full-face mask is designed for non-invasive ventilation therapy. Because the mask covers the nose and mouth, it provides effective therapy, even in case of mouth breathing.

D-13571-2010



ClassicStar® NIV total-face mas
 The ClassicStar NIV total-face mask is designed for non-invasive ventilation therapy. The mask covers the face, mouth, nose and eyes and thus ensures effective therapy, even during mouth breathing. The ClassicStar total-face mask eliminates nasal bridge challenges by sealing in facial areas that are less sensitive to pressure and have smoother contours. Also in the case of facial abnormalitie's the total-face mask is the first choice.

D-28635-2015



ClassicStar® NIV full-face masks
 The ClassicStar NIV full-face masks cover the nose and mouth of the patient. Therefore, they provide effective therapy even in case of mouth breathing. The mask design ensures high patient comfort combined with anatomical fit and effective seal due to individually adjustable mask cushion. The 6-point headgear provides a stable and secure fixation. Adjustable forehead support and forehead pad allow for distributing the pressure from the bridge of nose towards the forehead for more patient comfort. All ClassicStar NIV masks are for single patient use.

MT-0581-2007

TECHNICAL DATA

Option NIV alarms

MV low	0.2 ... 40 L/min or off
VTi high	0.06 ... 4 L or off; with Pediatric Plus 0.03 ... 4 L or off
Apnea monitoring	15 – 60 s or off
Tdisconnect	0 ... 60 s
Ti max	0 ... 60 s
Leak compensation	optimized patient-ventilator synchrony adjusts the flow trigger and the inspiratory termination criteria for leaks. – tube application: up to 10 L/min – NIV VC-modes: up to 25 L/min – NIV PC-modes: not limited

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