

Option NIV

Infinity® Acute Care System – Evita Infinity® V500
Option NIV – Non-invasive ventilation for all your patient needs



With the option NIV the V500 is enabled for sophisticated non-invasive ventilation

- In all ventilation modes*,
- With comprehensive monitoring,
- With optimized alarm adaptation and
- An automatic leakage compensation*

ONE DEVICE FROM CONVENTIONAL TO NON-INVASIVE VENTILATION

Changing from invasive to non-invasive ventilation usually requires a change of devices. With the NIV option the V500 can be easily configured for both applications.

PREVENT AND SHORTEN INTUBATION TIME

In adult or pediatric non-invasive ventilation may prevent intubation.¹⁾ In other cases it complements the process of weaning intubated patients. The additional availability of non-invasive ventilation in the recovery phase helps to improve work-flows and potentially reduces the risk of reintubation.¹⁾

INTELLIGENT ALARMS AND PARAMETER ADAPTATIONS

When non-invasive ventilation is chosen, alarms that are not applicable will not be displayed. In order to avoid artefacts, various alarm settings may be deactivated (e.g.: MV low, Vti high and Apnea monitoring).

AUTOMATIC LEAKAGE COMPENSATION*

If using non-invasive ventilation, leakage compensation becomes an important feature. With leakage compensation on, the patient always receives the set volume Vt, (e.g.: leakages are taken into account when delivering tidal volume). The flow-trigger threshold and termination criteria are continuously adjusted according to leakages. Additionally the set pressure is kept in case of leakages.

What's new with NIV:

- Higher leakage compensation*
- Anti-Air-Shower function*



* For adults and pediatrics.

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

HIGHER LEAKAGE COMPENSATION*

In all pressure ventilation modes, the leakage compensation (flow delivery, trigger adaptation, measured values correction and waveform correction) is now set to a maximum range of 180 L/min for adults. For pediatrics and neonates this value is set to lower levels.

This allows sophisticated non-invasive ventilation even if large leakages are present.

ANTI-AIR-SHOWER*

In case the mask has been taken off the new Anti-Air-Shower* function of the V500 detects this disconnection and reduces the device given high flow (e.g. for leakage compensation) to a minimum level. This may help to reduce a possible contamination of caregivers and ambient air. Accordingly reconnection is detected and ventilation will continue automatically with the previous settings.

**Advantageous BabyFlow nasal CPAP**

The BabyFlow nasal CPAP system is easy to apply and supplies stable CPAP at low operating costs through the use of standard patient tubing and reusable parts. The low noise level during nCPAP application supports developmental care.

TECHNICAL DATA**Option NIV alarms**

MV low*
VTi high*
Apnea monitoring
Tdisconnect
Ti max

V500

0.01 ... 40 L/min or off
0.110 ... 4 L or off
5 - 60 s or off
0 ... 60 s
0 ... 60 s

ORDER INFORMATION

NIV - option mask ventilation (factory installed option)	8416400
NIV - retrofit kit mask ventilation	8416200
NovaStar® NIV mask with Standard Elbow, size S, 1 pc.	MP01579
NovaStar® NIV mask with Standard Elbow, size M, 1 pc.	MP01580
NovaStar® NIV mask with Standard Elbow, size L, 1 pc.	MP01581
VentSet Basic, 150 cm (4.9ft), 25 pc.	MP00300
VentSet Coax, 150 cm (4.9ft), 20 pc.	MP00315
Infinity® ID Coax	MP00342
BabyFlow disposable starter package	8418550
BabyFlow reusable starter package	8418435

* For adults and pediatrics.

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Dräger Medical GmbH is certified
according to ISO 13485, ISO 9001
and Annex II.3 of Directive 93/42/EEC
(Medical devices).