

GoodKnight™ 425 & GoodKnight™ 425ST

BI-LEVEL™ DEVICES

Amazingly Small, Undeniably Effective.

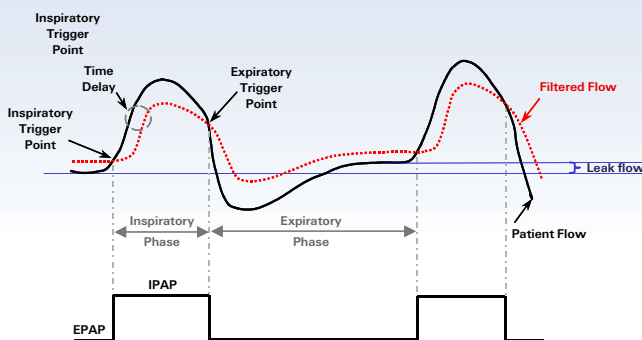
The GoodKnight™ 425 & GoodKnight™ 425ST Bi-Level™ devices from Tyco Healthcare gives you a new choice for treating obstructive respiratory sleep disorders. Now patients who require bi-level pressure can enjoy the benefits of the world's smallest, lightest sleep therapy devices.

The GoodKnight 425 Bi-Level device, with its ultra quiet operation, is sure to please patients and their sleeping partners alike.



FlowSens technology

The FlowSens technology leads to an optimized breathing pattern, which improves patient comfort and compliance.



FlowSens concept:

- The patient flow is compared with a delayed flow to determine the inspiratory trigger points.
- The I_{sens} and E_{sens} settings change the magnitude and offset of the delayed flow.
- FlowSens prevents autocycling and with the I_{sens} setting the effort to trigger IPAP can be reduced or increased.
- E_{sens} matches the exhalation phase of the patient's breath and reduces the sensation of breathing out against incoming flow.
- FlowSens allows leak estimation and compensates mask leakages on a breath-by-breath basis.

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GoodKnight 425 & GoodKnight 425 ST

BI-LEVEL DEVICES

Specifications

Characteristics GK 425 range	
Dimensions (W x D x H)	14,2 x 19,5 x 7,5 cm
Weight	760 g.
Power supply	input range 100-240V, 50-60 Hz
Power consumption	40 VA
Battery	12 V DC
Filters	Cleanable and high-efficiency
Noise level	<= 30 dBA at 10 cmH ₂ O

Settings GK 425 range	
IPAP	3 to 25 cmH ₂ O
EPAP	3 to 20 cmH ₂ O
Press adjust	0,5 cmH ₂ O
Ramp time	0 to 30 min (5 min increments)
Ramp start pressure	3 to EPAP
Pressure rise time	1 - 5 (300- 600 ms)
I _{sens}	1 - 10
E _{sens}	1 - 10

Features	GoodKnight 425	GoodKnight 425 ST
Pressure set method		
Keyboard	■	■
Modem	■	■
Direct connection to PC	■	■
Automatic altitude compensation	■	■
Automatic leak compensation	■	■
FlowSens algorithm	■	■
Backup frequency	■	■
Internal memory		
On/Off sessions	500	500
Compliance data	■	■
Respiratory rate	■	■

Additional settings GK 425 ST	
Backup frequency	0 or 4 - 25 bpm
I/E ratio	1/4 - 1/0,5



Ordering Information

Description	Catalog Number
<i>GoodKnight 425</i> Bi-Level Device with patient tube, carrying case, manuals	M-114500-IN
<i>GoodKnight 425ST</i> Bi-Level Device with patient tube, carrying case, manuals	M-114502-IN
<i>GoodKnight H₂O</i> Heated Humidifier	M-114600-IN
<i>SilverLining 3</i> Clinical Kit with software, download cable	M-214530-20
<i>GoodKnight 425</i> Inlet Baffle Foam, 1/pkg	M-413950-02
<i>GoodKnight 425</i> External Transformer (power cord not included)	M-414510-00
<i>GoodKnight 425</i> Power cord	M-660600-04
<i>GoodKnight 420/425</i> Carrying Case	M-213930-01

Specifications subject to change without notice.
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