

# EcoStar Auto

## AUTO CPAP

ECONOMICAL, HIGH PERFORMANCE  
POSITIVE PRESSURE DEVICE

**EcoStar™ Auto** is a Positive Pressure device with a large range of features to improve the comfort and treatment compliance of patients suffering from Obstructive Sleep Apnea Syndrome (OSAS). Adapts easily to the user's daily routine, and guarantees high-performance, comfort and ease of use. The air inlet filter is highly accessible, making it easy for the user to independently perform routine maintenance on the device. The **EcoStar™ Auto** algorithm responds to moderate obstructive events such as inspiratory flow limitation and snoring. The differentiation between obstructive and central events allows the device to deliver the optimum pressure at anytime, only increasing the pressure in case of apneas or hypopneas identified as obstructive by the algorithm.

### Product Features

- Disconnected mask function
- Specific auto-calibration function
- Auto ON function
- Ramp Function
- Calibration Comfort Function
- Data Management and sleep apnea analysis software.



## SPECIFICATIONS OF EcoStar™ Auto

Characteristics	
Operational modes	CPAP, Auto-CPAP
Pressures delivered	4-20 cm H <sub>2</sub> O (± 0.5 cm H <sub>2</sub> O), adjustable in steps of 0.5 cm H <sub>2</sub> O
Max. flow rate for a pressure drop of 1 cm H <sub>2</sub> O at patient inlet	150 l/min at 20 cm H <sub>2</sub> O without humidifier
Ramp time	0-45 minutes, adjustable in 5 minutes steps
Noise level	27.5 dBA measured with a tolerance of 3 dBA according to NF EN ISO 17510-1:2009
Physical Characteristics	
Size	Width 14 cm x Length 20 cm x Height 8 cm
Weight	0.750 kg without power supply
Electrical characteristics	
Electrical supply	Input range 100-240V (50-60 Hz)
Maximum electrical power	25 W (without humidifier)
93 / 42 / EC Classification	Class II A
Environmental requirements	
Temperature	+5 °C to +40 °C +5 °C to +35 °C with humidifier
Humidity	10 - 95% relative humidity without condensation
Storage	-20 °C to +60 °C, ≤ 95% relative humidity without condensation
Altitude	From sea level to 2400 metres



### Nidek Medical India Private Limited

**Head Office:** 238 B, A.J.C. Bose Road, Kolkata 700 020, Tel: (033) 4017 7000, Mob: 93395 66444

**Delhi:** 322, 3rd floor, Ansal Chamber II, 6, Bhikaji Cama Place, New Delhi 110 066, Tel: (011) 2616 5742, Mob: 93501 83222

**Chennai:** Plot No. 1966, J Block, 3rd Street, 13th Main Road, Anna Nagar (W), Chennai 600 040, Tel: (044) 4266 3662, Mob: 93808 06777, 93459 70044

**Mumbai:** C-216, Kailash Ind. Compl., Veer Savarkar Marg, Hiranadani Link Road, Vikhroli (W), Mumbai 400 079, Tel: (022) 4215 5441, Mob: 73039 11666

**Hyderabad:** House Bearing No. 13/1, Shiva Arun Colony, West Marredpally, Secunderabad 500 026, Tel: (040) 4015 0243, Mob: 93468 32266

**Lucknow:** 1/44, Vijayant Khand Gomti Nagar, Lucknow 226 010, Mob: 93361 20941

**Chandigarh:** 2nd Floor, SCO# 355, Sector 32-D, Chandigarh 160 031, Mob: 93562 78899

E-mail: [sales@nidekindia.com](mailto:sales@nidekindia.com), Website: [www.nidekindia.com](http://www.nidekindia.com)