

# NIV-3016

Non-Invasive Ventilation



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Professional and comfortable solution for respiratory treatment

With superior hardware and outstanding algorithm, DM116T can respond immediately to patient's respiratory needs and ensure good therapeutic effect.

### Application :-

Pneumology, Emergency, ICU, Neurosurgery, Neurology, Sleep clinics, Chest Pain Center, home-use, etc.

## ►► Features & Advantages



### Professional :-

Under the S/T mode, DM BI PAP can quickly switch in 5 seconds to protect the patient's treatment in time. With preheating and humidification function, smart start function, etc.



### Satisfaction :-

0.2cmH<sub>2</sub>O pressure increment is able to meet the precise treatment pressure requirements. The efficient humidification system enables the humidification effect to reach 60%.



### Innovation :-

Innovative algorithm technology can adapt to different users and bring appropriate comfort through precise adjustment. Wifi data technique support both real-time transmission and historical data transmission to achieve the function of disconnected network.

## ►► Basic Information

Dimension	275*162*142 mm(with humidifier) 147*162*142 mm (W/O humidifier)
Weight	1.9 kg (with humidifier) 1.1 kg (without humidifier)
Case color	White
Display	2.4" LCD, multi-lingual
Noise	<30dB

## ►► Therapy Parameter

Mode	S/T, T, S, CPAP
Pressure range	4-30cmH <sub>2</sub> O (±0.2cmH <sub>2</sub> O)
Pressure increment	±0.2cmH <sub>2</sub> O
AVAPS( Average volume assured pressure support)	100-2000ml
Respiratory rate	2-40 bpm
Inspiration time	0.5s-15s
RAMP	5-60min
Pressure release	1-3 level
Humidification	1-6 level(≤70°C)

## ►► Highlights

Auxiliary function	AVAPS control ( 100 - 2000 ml), P95 function, air leakage alert, mask-off alert,automatic leakage compensation, altitude compensation, auto-start , accessories replacement reminder, data storage, auto pressure titration, events monitor ( AHI)
Data management	AirTreat™ diagnostic software , AirTreat™ Cloud data management
Monitoring parameter	I:E,RR(respiratory rate),LK(leakage), VT(tidal volume),MV (MinVt), IPAP, EPAP,Used Hrs,Avg. AHI,Avg P95
Reminder	Power failure、 air leakage, humidifying temperature high, high leakage, lid or tubing of humidifier fall off, high pressure, SD card error, low tidal volume, low minute ventilation、 high inspiration pressure, low expiration pressure, high or low respiration rate, etc
Humidifier	300ml humidifier, Anti-reflux tank, High-efficiency humidification] up to 60%), Easy to clean, etc.

## ►► Accessories

Storage card	4G capacity, built-in ROM (optional)
Package	Carrying bag
Air tubing	22mm, 1.8m long
Mask	Nasal mask /Full face mask (optional)

## Regulatory compliances



## Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



**Analytical**  
**Foundation**

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## Reach us @



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