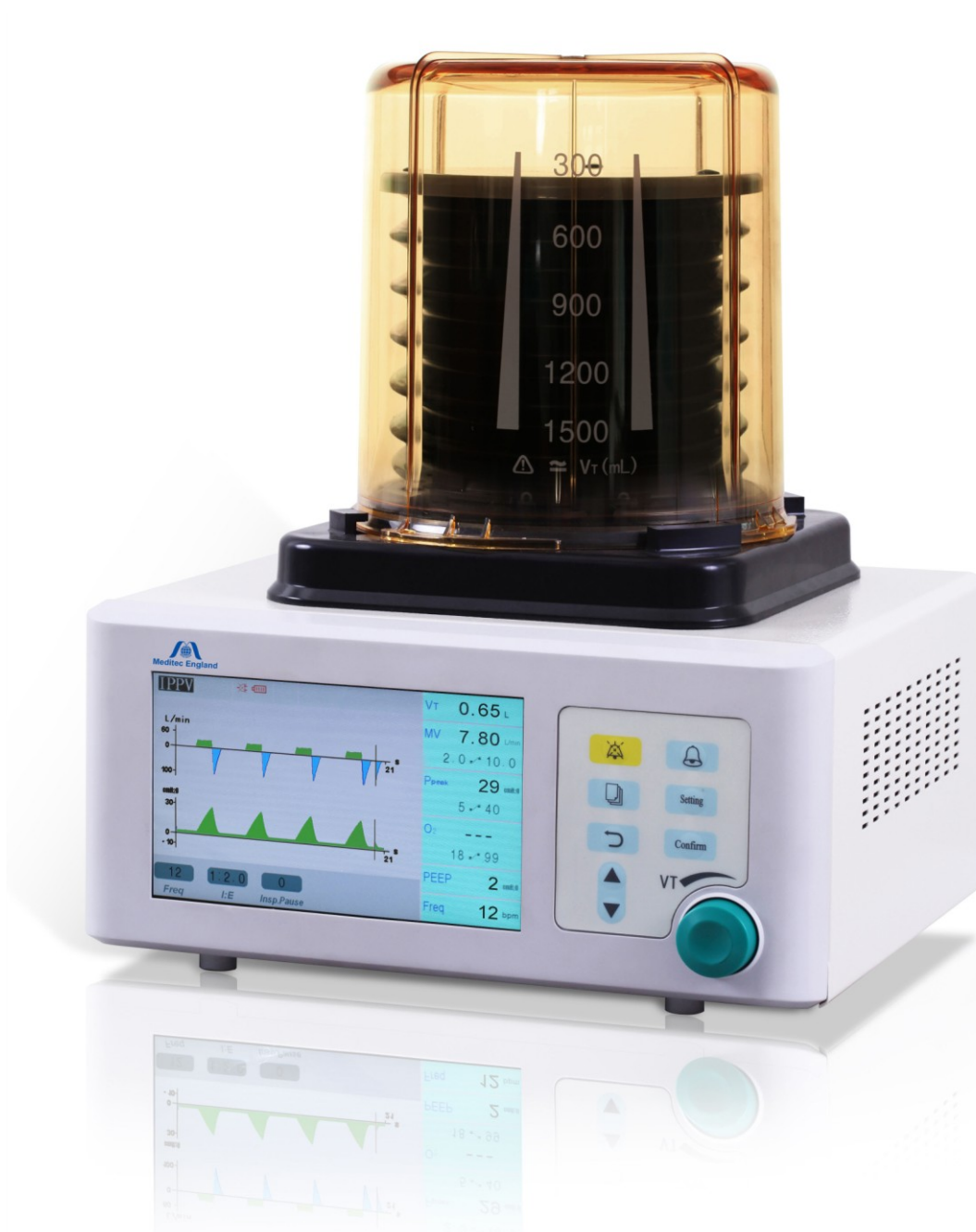


Meditec 2800

Anaesthesia Ventilator



A sophisticated ventilator to customise your current anaesthesia system



Meditec 2800 is a microprocessor based sophisticated Anaesthesia Ventilator that provides optimum patient care, performance capability and versatility in a quick to learn conventional design; so you spend less time getting to know the ventilator and more time caring for your patients.

STANDARD FEATURES

- Electronically controlled, pneumatically driven
- CMV, SIMV, MANUAL(BAG) Ventilation Modes
- Suitable for both adult and paediatric patients
- High-Luminance 7" TFT LCD Display screen
- Intuitive user interface facilitates ease of use
- Integrated spirometry with wave form display
- Tidal Volume Display
- Comprehensive Alarms
- Accurate differential pressure flow sensor
- Electronic PEEP(optional)
- Can be combined with the complete range of Meditec anaesthesia machines (MRI excluded)
- Integrated pressure, volume, oxygen and respiratory parameter monitoring
- Displayed Waveforms : Pressure-time, Flow-time



Optional Pediatric Bellow

VERSATILITY

The MEDITEC 2800 ventilator can be used with most existing systems providing a cost effective way to upgrade your current anaesthesia machine. In addition, MEDITEC 2800 can be used with the complete range of Meditec Anaesthesia machines, configured to the specification of your choice

BREATH EASY

A sophisticated ventilator incorporating simplicity with all the advantages of a modern ventilator. It offers easy handling, comprehensive patient care and superior performance with enhanced efficiency and safety

INTELLIGENT MONITORING

Meditec 2800 ventilator combines advanced monitoring capabilities with conventional pneumatically driven bellow design integrated into a 7" TFT monitoring screen that provides a comprehensive display of all the essential settings, readings, alarm limits and waveforms at a glance.



7" TFT Color display, Control with Navigation Wheel.

Comprehensive Function

- **Effective ventilation, extra reassurance**
- **Intuitive user interface**
- **Dedicated monitoring screen**
- **Accurate, integrated fiO_2 monitoring and alarms**
- **Ergonomic rotary navigation wheel**
- **Flow and pressure curves on the same screen**
- **Audio visual safety alarms**
- **Integrated rechargeable battery**

IPPV

Intermittent positive pressure ventilation is possible from all standard circuits.

SIMV

Choosing SIMV minimises patient reluctance to accepting mechanical breaths by ventilating in harmony with the patient's own attempts to breathe.

Manual

Easy switchover to manual ventilation

USER FEATURES

Integrated Spirometry

Patient airway pressure and volume can be directly measured and shown in wave - form. This graphic display provides clear indication of possible airway difficulty.

Electronic PEEP (Optional)

For easier adjustment and accuracy of setting, electronic PEEP can be selected from the front panel.

Effective Ventilation, extra reassurance

The ascending bellows provide immediate visual information on the adequacy of fresh gas flow and indicates any system leak

Absorber switching

Using a Meditec CA absorber with 2800 enables remote switching from bag to ventilator.

Sophisticated design

The Sophisticated design results in a reduced user learning curve and provides the flexibility required in clinical situations

Inverse ratios

The 2800 has the ability to be fully adjustable from 4:1 to 1:8 for use when clinical conditions require inverse I:E

TECHNICAL SPECIFICATIONS

Ventilation Parameters			
Ventilation Mode	IPPV	SIMV	MANUAL
Tidal Volume	25 - 2000 ml	25 - 2000 ml	- -
Frequency	4-65 bpm	1-40 bpm	4-65 bpm
I : E Ratio	4:1-1:8		
Waveforms	Pressure-time, Flow-time		
Monitoring Parameters	VT,MV,BPM,Paw,FiO ₂ ,PEEP,Respiratory Frequency,I:E ratio, Ppeak		
Patient airway pressure range	-20 cmH ₂ O ~100 cmH ₂ O		
Airway pressure Limit	0 cmH ₂ O ~100 cmH ₂ O		
Safety valve pressure limit	60 cmH ₂ O		
PEEP (Optional)	OFF, 2.0 - 20 cmH ₂ O		
Inspiratory Time (at SIMV)	0.2s~6.0s (the limit of I:E ratio ≤ 4)		
Patient Trigger	-20 cmH ₂ O ~ +20 cmH ₂ O		
Drive Mode	Pneumatically driven, Electronically controlled		
Alarm Mute	120s		
Alarms			
Low supply gas pressure	SIMV flow Sensor Error		
Apnea	Frequency (High & Low)		
Airway Pressure(High & Low)	Tidal Volume (High & Low)		
Power failure	FiO ₂ (High & Low)		
Battery Low	MV (High & Low)		
Electrical Specification			
Class I Equipment	Continuous rating		
Voltage	220 VAC ± 10%, 50Hz ± 2%,		
Battery	12V Rechargeable Battery with > 2hours backup		
Physical Specification			
Size (with addl. Belows)	Width 260mm x Height 400mm x Depth 260mm		
Weight	10 kg. (approx.)		



Meditec International England Limited

8, Pinner View, Harrow, HA1 4QA
 United Kingdom
 Email: sales@meditecengland.co.uk
 Website: www.meditecengland.co.uk

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