



SMSMED

Sophisticated Molding, Software & Medical

to hold on to life...

SMSMED OTOMATİK ANESTEZİ CİHAZI



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Technical data pneumatic system (TH1020)

Pipeline inlet pressure

O ₂	3-8 bar-NIST entrance
N ₂ O	3-8 bar-NIST entrance
Air	3-8 bar-NIST entrance

Regulators (optional)

Built-in regulator for O₂-N₂O
PIN-Index

Monometer gauges

O ₂	0-10 bar
N ₂ O	0-10 bar
Air	0-10 bar

Vaporizer mounting

Selectatec system two or three station
Absorber features
Safety overpressure valve at 100 cmH₂O
Autoclavable

Cylinder inlet

O₂-N₂O

Electric sockets

3 or 4 item

Oxygen flush

50 l/min (between 3 - 8 bar)

Cylinder holders

2 holders for 10 litre bottles

Rotameter

3 gases	
O ₂	0-10 l/min
N ₂ O	0-12 l/min
Air	0-12 l/min

Vaporizer mounting

Flow and temperature compensated

Drawer unit

Drawer unit incorporated
2 or 3 drawers

Central system inlet

O₂-N₂O-Air
4 item electric sockets

Suction

Built-in, operating on vacuum
(optional with injector system)

Manometer gauges regulator

O₂ 0 - 250 bar
N₂O 0 - 100 bar
With oxygen ratio controller.
Guarantees a minimum of 25% oxygen.
N₂O cut-off in O₂ fresh gas valve is closed
or is O₂ pressure drops below 2,5 bar.

Shelfs

1 monitor shelf (optional external arm)

Volume of CO₂ absorber

1 litre or 2 liter

to take hold on lif

TECHNIQUE SPECIFICATIONS

Main Features:

- Provide A/C ventilation to the patient in the process of operation or in recovery after the operation.
- Applied for adult and pediatric
- Microprocessor controlled ,integrated anesthetic ventilation system
- 7 inch TFT display screen
- Safety Good air tightness, high reliability

Main specifications:

- Electronically controlled, pneumatic driven
- Patient spectrum: pediatric to bariatric
- **Ventilation mode:** VCV, PCV, PSV, SIMV, SIGH, STANDBY, MANUAL (BAG)
- Tidal volume: 20-1500ml
- I:E ratio: 4:1-1:8
- Frequency: Adjustment range: 1-100bpm
- Under VCV and Manual mode: 4 ~ 65bpm
- Under SIMV: 1 - 40bpm
- **Monitoring:** VT, MV, BPM, Paw, FiO₂, PEEP, Respiratory Frequency, I:E ratio, Ppeak
- **Waveform:** Pressure- time, Flow- time
- Power: AC 220V±10%, 50HZ±2%, built-in battery > 2hrs (rechargeable) 12V
- Inspiratory time (TI) (at SIMV) - Adjustment range: 0.2 s ~ 6.0 s (the limit of I:E ratio ≤ 4)
- Pressure trigger: - 20cmH₂O | • Pressure limit: ~ 20 cmH₂O
Patient airway pressure range: -2KPa ~ 10KPa Airway pressure monitoring range: 0 ~ 10KPa
- Safety valve pressure limit: 6Kpa
- **Alarm:** High(low) pressure alarm, High (Low) MV alarm, High (Low) FiO₂, AC power lost alarm



CE1984 • ISO 9001: 2008 & ISO 13485: 2003

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