

ANESTHESIA MACHINE 1625 PRO

ADULT | PEDIATRIC | NEONATAL



LEISTUNG

ANESTHESIA MACHINE 1625 PRO

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VENTILATORY MODES

- Volume Controlled (VC)
- Pressure Controlled (PC)
- Pressure limited with volume controlled (PRVC)
- Pressure Support (PS)
- SIMV (VC) + PS
- SIMV (PC) + PS
- Manual - Controlled by the professional



**INNOVATION ASSOCIATED WITH
TECHNOLOGY AND PRATICALITY.**



CONFIGURABLE PARAMETERS

- Inspiratory time: 0.10 to 10s
- Ventilation rate: 1 to 150 c/min
- I:E Ratio: 1:5.0 to 4.8:1
- Tidal Volume: 0.01 to 1.6L
- Inspiratory sensitivity Pressure: -0.5 cmH2O to -20 cmH2O
- Inspiratory sensitivity Flow: 0.1 L/min to 30 L/min
- Expiratory sensitivity: 5% to 80%
- PEEP: Off, 3 to 50 cmH2O
- Controlled Pressure (P Con): 2 to 60 cmH2O
- Pressure Support (P Sup): 2 to 60 cmH2O
- Maximum control pressure (PC Max): 2 to 60 cmH2O
- Waveform: Descending 100%, Descending 50% and Square
- Rise Time: 6 levels
- TI Max: 0.30 to 3s
- Apnea: (Backup Ventilation) 5 to 60s
- Inspiratory Pause: 0 to 2.0 seconds

SECURITY AND VERSATILITY.



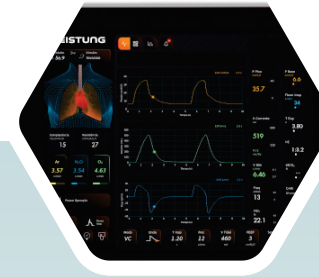
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MONITORABLE PARAMETERS

- Peak Pressure
- Tidal Volume
- Respiratory frequency
- Minute volume
- FiO₂
- Base pressure (PEEP)
- Average pressure
- Plateau pressure
- Peak inspiratory flow
- Maximum expiratory flow
- Dynamic compliance
- Inspiratory time
- Expiratory time
- Tidal volume inspired
- I:E Ratio
- Ti/Ttot ratio
- Exhaled CO₂ (optional)
- Inspired CO₂ (optional)
- mac (optional)
- Expired primary anesthetic agent (optional)
- Expired secondary anesthetic agent (optional)
- Primary inspired anesthetic agent (optional)
- Secondary inspired anesthetic agent (optional)

SECURITY AND VERSATILITY.



INTERNAL BATTERY

- Li+ CC technology
- 6 hours autonomy
- Lifespan 400 to 500 cycles

LUNG MECHANICS

- AutoPEEP
- Compliance / Resistance

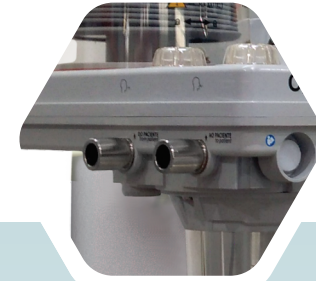
TRENDS

- Peak pressure
- Base pressure
- Inspiratory flow
- Tidal volume
- Minute volume
- Frequency
- Compliance
- FiO2
- etCO2
- From the last 2, 4, 8, 16 or 32 hours

GENERAL

GENERAL

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ALARMS

- Low oxygen pressure
- Low air pressure
- Low battery
- Maximum inspiratory pressure
- Patient disconnect
- Minimum inspiratory pressure
- FiO2 less than 19%
- Negative inspiratory pressure
- Minimum FiO2
- Maximum FiO2
- AA* inspired primary maximum
- AA* inspired secondary maximum
- Maximum inspired CO2
- Max expired CO2
- CO2 Minimum Expired
- Minimum tidal volume
- Max inspired N2O
- MAC greater than or equal to 3
- Maximum inspiratory rate
- Insufficient control pressure
- Gas sensor technical failure
- Wrong gas measurement
- MAC less than 3
- Minimum inspired N2O
- Maximum tidal volume
- PEEP alarm
- Minimum minute volume
- Maximum minute volume
- Power supply disconnection



GENERAL

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COMPLEMENTARY CHARACTERISTICS

- Recirculation module supports autoclave sterilization
- Oxygen flush button
- Pneumatic working pressure 2.8 to 7.0 bar
- Connection for reserve cylinder and automatic switching of rotameter
- Workbench lighting
- 3 drawers with dividers and key
- Inlet pressure gauges for Air, O2 and N2O
- ACGO output, auxiliary gases
- Soda lime canister with by-pass valves
- Alarm and event history of the last 1024 records
- 3 outputs for fuse-protected auxiliary sockets
- Integrated timer
- Allows for screenshot acquisition and transfer via USB
- Two circuit boards and two processors for patient safety
- Interactive lung showing lung movement
- Digital gauges for inlet pressures, accessible via the equipment's screen.

INITIAL CIRCUIT TEST

- Patient circuit check
- Proximal flow sensor detection
- Proximal flow sensor calibration
- Calibration of flow sensors
- Circuit leakage measurement
- Circuit static compliance measurement
- Air proportional valve test
- Proportional valve test for PEEP control
- Search, initialization of respiratory gas sensors and Capnograph



GENERAL GENERAL

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GRAPHS AND CURVES

- Up to 5 simultaneous curves
- Pressure - Time
- Flow - Time
- Volume - Time
- Flow - Volume (loop)
- Volume - pressure (loop)
- Pressure - Flow (loop)
- CO2 - Time
- CO2 - Volume (loop)
- N2O - Time
- Aa1 - Time
- Aa2 - Time

OPTIONAL

- Anesthetic agent analyzer
- Capnography analyzer
- Sevoflurane Vaporizer
- Isoflurane Vaporizer
- Flowmeter with humidifier
- Bacterial electrostatic filter

ACCESSORIES



- Recirculation module
- Silicone adult patient circuit
- Adult proximal flow sensor
- Neonatal proximal flow sensor
- Nitrous oxide hose
- Oxygen hose
- Compressed Air Hose
- Compressed air coalescing filter
- Resistance test balloon
- Galvanic cell
- Electrical power cable
- Galvanic cell housing plug
- Balloon Reservoir
- Articulated arm
- Drawer key
- User manual
- Galvanic cell protective cover
- Adapter for ACGO Mapleson
- Articulated arm for multiparametric monitor

CERTIFICATIONS

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COMPLIANT STANDARDS



✓ IEC 60601-1

✓ IEC 60601-1-2

✓ IEC 60601-1-8

✓ IEC 60601-1-9

✓ IEC 62304

✓ IEC 62366-1

✓ IEC DTR 62366-2

✓ ISO 80601-2-13

✓ ISO 80601-2-55

✓ ISO 10993-1

✓ ISO 18562-1

✓ ISO 15001

✓ ISO 15223-1

✓ ISO 15223-2

✓ ISO 780





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