

# ANESTHESIA MACHINE 1625++

ADULT | PEDIATRIC | NEONATAL



**LEISTUNG**

# ANESTHESIA MACHINE 1625++

ADULT | PEDIATRIC | NEONATAL

## 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 - 10 cmH2O
- Inspiratory sensitivity Flow: 0.5 L/min to 10 L/min
- Expiratory sensitivity: 5% to 80%
- PEEP: Off, 3 to 50 cmH2O
- Controlled Pressure (P Con): 2 to 58 cmH2O
- Pressure Support (P Sup): 2 to 58 cmH2O
- Maximum control pressure (PC Max): 2 to 58 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.

**ANESTHESIA MACHINE 1625++**



## **MONITORABLE PARAMETERS**

- Peak Pressure
- Tidal Volume
- Respiratory frequency
- Minute volume
- FiO<sub>2</sub>
- 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 CO<sub>2</sub> (optional)
- Inspired CO<sub>2</sub> (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.



## **LUNG MECHANICS**

- AutoPEEP
- Compliance / Resistance

## **TRENDS**

- Peak pressure
- Base pressure
- Inspiratory flow
- Tidal volume
- Minute volume
- Frequency
- Compliance
- FIO<sub>2</sub>
- etCO<sub>2</sub>
- From the last 2, 4, 8, 16 or 32 hours

# GENERAL

## GENERAL

**ANESTHESIA MACHINE 1625++**



## **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 GENERAL

**ANESTHESIA MACHINE 1625++**



## 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, O<sub>2</sub> and N<sub>2</sub>O
- 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

## 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

## INTERNAL BATTERY

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



# GENERAL GENERAL

**ANESTHESIA MACHINE 1625++**



## **GRAPHS AND CURVES**

- Up to 5 simultaneous curves
- Pressure - Time
- Flow - Time
- Volume - Time
- Flow - Volume (loop)
- Volume - pressure (loop)
- Pressure - Flow (loop)
- CO<sub>2</sub> - Time
- CO<sub>2</sub> - Volume (loop)
- N<sub>2</sub>O - Time
- Aa<sub>1</sub> - Time
- Aa<sub>2</sub> - 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

**ANESTHESIA MACHINE 1625++**

# CERTIFICATIONS

ADULT | PEDIATRIC | NEONATAL

## 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



### **Leistung Equipamentos Ltda.**

📍 202, João Ropelatto St.  
 🗝️ Nereu Ramos Dt. Zip code: 89265-520  
 📄 Jaraguá do Sul - SC – Brazil

☎️ +55 47 3371-2741  
 📞 +55 47 99909-8902  
 ✉️ leistung@leistungbrasil.com



**Technical Support**  
**+ 55 47 99985-6173**



ANVISA Registration nº: 80203470016  
 Func. Aut. ANVISA: GHL3983MX9H2  
 Certificate BPF ANVISA



[www.leistungbrasil.com.br](http://www.leistungbrasil.com.br)



@leistungbrasil

