

LEISTUNG

Anesthesia Machine 1625 ++

Suitable for adult, pediatric and neonatal patients, with proximal flow sensor in every patient category

Ergonomic design

17" Touch Screen – intuitive interface

Heated and autoclavable bellows module

Auxiliary common gas outlet - ACGO

Optional gas analyzer

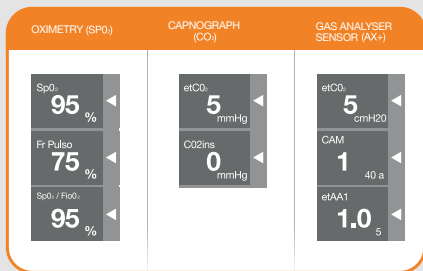
Optional capnography and oximetry

Minimum maintenance cost



Anesthesia Machine

1625 ++



Plug and play system for the gas analyzer sensor, capnograph and oximetry.



Vacuum system



Oxygen flowmeter with humidifying bottle



Auxiliary common gas outlet - ACGO



Digital flowmeters



High-flow and low-flow proximal flow sensor for all patient categories



Heated and autoclavable bellows module with the possibility of replacing soda lime without interrupting ventilation



3 drawers with dividers and key

Technical specifications

VENTILATION MODES FOR ADULT, PEDIATRIC AND NEONATAL PATIENTS

- | VC
- | PC
- | PRVC
- | PS
- | SIMV(VC) + PS
- | SIMV(PC)+ PS
- | MANUAL

PROGRAMMABLE SETTINGS

- | Inspiratory Time: 0.40 s to 10 s
- | Frequency: 1 to 150 c/min
- | I:E Ratio: 5:0 to 4.8:1
- | Tidal Volume:
 - 0.02 to 1.6 L (adult)
 - 0.02 to 1.0 L (pediatric)
 - 0.01 to 0.150 L (neonatal)
- | Inspiratory pressure trigger sensitivity: -0.5 to -10 cmH₂O
- | Inspiratory flow trigger sensitivity: -0.5 to -10L/min
- | Expiratory sensitivity: 5% to 80%
- | PEEP: 3 to 50 cmH₂O
- | Pressure Control:
 - 2 to 60 cmH₂O (adult)
 - 2 to 50 cmH₂O (pediatric)
 - 2 to 40 cmH₂O (neonatal)
- | Pressure support:
 - 2 to 60 cmH₂O (adult)
 - 2 to 50 cmH₂O (pediatric)
 - 2 to 40 cmH₂O (neonatal)
- | Maximum control pressure
 - 2 to 60 cmH₂O (adult)
 - 2 to 50 cmH₂O (pediatric)
 - 2 to 40 cmH₂O (neonatal)
- | Waveform (VC)
 - Descending 100% (adult, pediatric and neonatal)
 - Descending 50% (adult and pediatric)
 - Square (adult and pediatric)
- | Rise Time: 6 levels
- | Maximum Inspiratory Time: 0.30 to 3 s
- | Apnea (Backup Ventilation) 5 to 60 s
- | Inspiratory Time (Backup Ventilation): 0.40 s to 10 s
- | Frequency (Backup Ventilation): 1 to 150 c/min
- | Tidal Volume (Backup Ventilation)
 - 0.03 to 1.6 L/min (adult)
 - 0.03 to 1 L/min (pediatric and neonatal)
- | Pressure Control (Backup Ventilation):
 - 2 to 60 cmH₂O (adult)
 - 2 to 50 cmH₂O (pediatric)
 - 2 to 40 cmH₂O (neonatal)

PROGRAMMABLE ALARMS

HIGH-PRIORITY ALARMS

- | High inspiratory Pressure: 4 to 120 cmH₂O
- | Low inspiratory Pressure: 3 to 119 cmH₂O

MEDIUM-PRIORITY ALARMS

- | Low FiO₂: 25 to 99%
- | High FiO₂: 26 to 100%
- | AA* High inspired primary
- | AA* High inspired secondary
- | High CO₂ inspired : 1 to 10 mmHg
- | High CO₂ expired: 1 to 75 mmHg
- | Low CO₂ expired: 0 to 74 mmHg
- | Low tidal volume
 - 0 to 1.59 L (adult)
 - 0 to 0.99 L (pediatric)
 - 0 to 0.98 L (neonatal)
- | High inspiratory rate 3 to 150c/min

LOW-PRIORITY ALARMS

- | Low inspired N₂O: 0 to 74%
- | High tidal volume:
 - 0.02 to 1.60 L (adult)
 - 0.02 to 1 L (pediatric and neonatal)
- | PEEP alarm: 2 to 10 cmH₂O
- | Low Minute Volume **: 0.01 to 49.8 L
- | Low Minute Volume: 0.2 to 50 L

PROGRAMMABLE ALARMS

HIGH-PRIORITY ALARMS

- | High inspiratory Pressure: 4 to 120 cmH₂O
- | Low inspiratory Pressure: 3 to 119 cmH₂O

MEDIUM-PRIORITY ALARMS

- | Low FiO₂: 25 to 99%
- | High FiO₂: 26 to 100%
- | AA* High inspired primary
- | AA* High inspired secondary
- | High CO₂ inspired : 1 to 10 mmHg
- | High CO₂ expired: 1 to 75 mmHg
- | Low CO₂ expired: 0 to 74 mmHg
- | Low tidal volume
 - 0 to 1.59 L (adult)
 - 0 to 0.99 L (pediatric)
 - 0 to 0.98 L (neonatal)
- | High inspiratory rate 3 to 150c/min

LOW-PRIORITY ALARMS

- | Low inspired N₂O: 0 to 74%
- | High tidal volume:
 - 0.02 to 1.60 L (adult)
 - 0.02 to 1 L (pediatric and neonatal)
- | PEEP alarm: 2 to 10 cmH₂O
- | Low Minute Volume **: 0.01 to 49.8 L
- | Low Minute Volume: 0.2 to 50 L

MONITORABLE SETTINGS

- | Peak Pressure
- | Tidal Volume
- | Respiratory frequency
- | Minute Volume
- | FiO₂
- | Base Pressure (PEEP)
- | Average Pressure
- | Plateau Pressure
- | Peak Inspiratory Flow
- | Peak Expiratory Flow
- | Dynamic Compliance
- | Inspiratory Time
- | Expiratory time
- | Tidal volume inspired
- | I:E ratio
- | Ti/Ttot ratio
- | Exhaled CO₂ (optional)
- | Inspired CO₂ (optional)
- | MAC (opcional)
- | Expired primary anesthetic agent (optional)
- | Expired secondary anesthetic agent (optional)
- | Inspired primary anesthetic agent (optional)
- | Inspired secondary anesthetic agent (optional)
- | Oxygen Saturation (optional)
- | Pulse rate (optional)
- | SpO₂/FiO₂ ratio (optional)

LUNG MECHANICS/ AutoPEEP

AUTO PEEP

- | TotalPEEP
- | AutoPEEP
- | PEEP

COMPLIANCE - RESISTANCE

- | Dynamic Compliance
- | Static Compliance
- | Inspiratory Resistance
- | TotalPEEP
- | AutoPEEP

* AA is an abbreviation for anesthetic agent and during monitoring is replaced by the name of the AA in question: SEV, ISO, HAL, ENF or DES.

** It can be set to NO

Technical specifications

SHORTCUTS

- | LED Light
- | Manual trigger
- | Inspiratory pause
- | Expiratory sensibility
- | Freeze graphics
- | Volumetric capnography

CUSTOM GRAPHICS SELECTION (from 1 to 5 simultaneous graphics)

- | Pressure – Time
- | Flow – Time
- | Volume – Time
- | Pulse plethysmography
- | CO₂ – Time
- | CO₂ – Volume
- | AA1 – Time
- | AA2 – Time
- | N₂O – Time
- | Volume – Pressure (loop)
- | Flow – Volume (loop)
- | Pressure – Flow (loop)

DIMENSIONS

- | Height: 55.1 in (140 cm)
- | Width: 33.8 in (86 cm)
- | Depth: 24.4 in (62 cm)
- | Weight: 242.5 lb (110 kg)

INITIAL AUTOMATIC TESTS

- | Atmospheric pressure sensing (resetting of pressure sensors)
- | Compensation of altitude due to gas density
- | Oxygen cell detection

HOME SCREEN

- | Patient category (Adult, Pediatric and neonatal)
- | Gender, age (with activated AA), height, weight (pediatric, neonatal)
- | Automatic theoretical weight calculation
- | Ventilatory volume in mL/Kg
- | Type of artificial air ventilation
- | Artificial airway dimensions
- | Proximal flow sensor (100 mL/min, 30 mL/min or without sensor)

OPTIONAL

- | Capnograph
- | Anesthetic agent analyzer
- | Oximetry sensor
- | Vaporizer
- | Articulated arm for multiparametric monitor

INITIAL CIRCUIT TEST

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

SECURITY SYSTEM FEATURES

- | With battery-powered electric autonomy
- | Automatic opening of pressure relief valve
- | Anti-hypoxic mixing valve (NO₂ - O₂)
- | Automatic notification of need for maintenance due to hours of use without ventilation blockage
- | Ability to operate without proximal sensor
- | Ability to operate without oxygen cell
- | Automatic gas compensation
- | Electrical disconnection alarm
- | Backup oxygen tubing connection

OTHER SPECIAL FEATURES

- | 17" Touch Screen
- | Ability to lock the touch screen
- | High-flow and low-flow proximal flow sensor for all patient categories
- | Gas measurements with BTPS corrections
- | Patient interface adaptation or modification of circuit with recalibrations, without turning off the device and keeping the patient's records
- | Autoclavable bellows module
- | Heated and sterilizable module with the possibility of replacing soda lime without interrupting ventilation

LEISTUNG

LEISTUNG ARGENTINA

Bv. Los Venecianos 6595

Córdoba (X5022RWT)

Phone: +54 0351 475 9112/15

info@leistungargentina.com.ar

ventas@leistungargentina.com.ar

LEISTUNG BRASIL

Rua João Ropelatto 202

CEP: 89265-520 Jaraguá do Sul – SC

Phone: +55 (47) 3371-2741 / 3371-926

leistung@leistungbrasil.com

LEISTUNG USA

1695NW 110 Av.

Zip Code 33172 Miami – FL, USA

Phone: +1 (786) 326 3936

info@leistung-usa.com

sales@leistung-usa.com

TECHNICAL SUPPORT

+54 9 351 238 3134

asistencia@leistungargentina.com.ar



www.leistungargentina.com.ar