

COMPLIANCE DOCUMENT

To whom may concern:

Center for Centralized Public Procurement in Health

& MINISTRY OF HEALTH AND LABOUR AND SOCIAL PROTECTION, REPUBLIC OF MOLDOVA

We Hersill, S.L.

Do confirm, that the offered Anesthesia machine GENESIS

Offered in cooperation with **ROMEDCOM SRL** for the public procurement

21040135 Lot 3
3 Units

Complies with the following technical specification:



REQUIRED:

Anesthesia machine (advanced features)
Description The anesthesia machine is designed to deliver, monitor anesthetic gases and ensure the patient's artificial respiration during surgery
Parameter Specification
O2 gas outlets, Air
Anesthesia machine display ≥ 15 ", TFT or LCD color
touch screen
Electronic type flow meters
gas O2, Air
range, L / min $\geq 0 - 15$
Vaporizer type vaporizer accepted Isofluran yes
It is Sevofluran
It's Halothan
It is inflated
It's deflowering
number of vaporizers installed on the device ≥ 2 units yes
It is in isoflurane
It is Sevofluran
interlock is
absorption system yes
Safety mechanisms O2 acoustic, visual safety
hypoxic mixture safety yes
Automatic patient ventilator type Adult, Pediatric, Neonatal
Manual / spontaneous ventilation modes, VCV, PCV, SIMV, PS
electronic gas mixing mechanism (mixer) yes
Tidal volume, 20-1500 ml
respiration rate / minute 5 - 100
inspiratory flow, L / min $\geq 3-40$
ratio I: E minimum 4: 1 to 1: 8
inspiration break yes
pressure limit, cmH2O adjustable, $\geq 0-70$
PEEP, cmH2O $\geq 0-30$
Self-diagnosis system leak testing, respiratory circuit testing, compliance, gas supply, checking all systems

OFFERED:

Anesthesia machine (advanced features)
Description The anesthesia machine is designed to deliver, monitor anesthetic gases and ensure the patient's artificial respiration during surgery +
Parameter Specification
O2 gas outlets, Air +
Anesthesia machine display ≥ 15 " (18.5"), TFT or LCD color +
touch screen +
Electronic type flow meters +
gas O2, Air +
range, L / min $\geq 0 - 15$ 0.1 to 18 L/min +
Vaporizer type vaporizer accepted Isofluran yes
It is Sevofluran +
It's Halothan+
Enflurane +
Desflurane +, only electronic vaporizer
number of vaporizers installed on the device ≥ 2 units yes +
It is in isoflurane +
It is Sevofluran +
interlock is +
absorption system yes +
Safety mechanisms O2 acoustic, visual safety
hypoxic mixture safety yes +
Automatic patient ventilator type Adult, Pediatric, Neonatal +
Manual / spontaneous ventilation modes, VCV, PCV, SIMV, PS +
electronic gas mixing mechanism (mixer) yes +
Tidal volume, 20-1500 ml 5 to 1500 mL (from 20mL for volumetric modes)
respiration rate / minute 5 - 100 3 to 120 / min +
inspiratory flow, L / min $\geq 3-40$ max. 150 l / min +
ratio I: E minimum 4: 1 to 1: 8 5:1 to 1:8 +
inspiration break yes
pressure limit, cmH2O adjustable, $\geq 0-70$
PEEP, cmH2O $\geq 0-30$ 0-68 hPa

AGSS (anesthetic exhaust system) yes + Anesthetic agent consumption management system yes Possibility to change the type of main gas in the menu yes Pneumatic patient ventilation circuit with gas mixture heating function yes auxiliary port outlet of the gas mixture yes Parameters monitored and shown on the display Air pressure High pressure alarm yes Sub atmospheric pressure alarm yes Continuing the pressure alarm yes Low blood pressure / apnea yes Other pressure alarms yes Expiratory volume / flow yes Volume minute, l / min yes Concentration of O2 Apnea Alarm yes Response time, sec <30 The concentration of CO2 apnea alarm yes Agent monitoring Agent type Halothan, isoflurane, sevoflurane, Enfluran, Desfluran Self-identification of anesthetic gases yes Alarm concentrating agent yes Determining and displaying the MAC value yes is spirometry The gas module built into the anesthesia machine yes determines the gas concentrations: O2, CO2, anesthetic agents yes + Cell determination O2 paramagnetic type yes Monitor for displaying vital functions display ≥15 ", color TFT or LCD yes touch screen yes monitor dedicated to viewing vital functions yes side fixing monitor arm on anesthesia machine yes built-in thermal printer yes internal rechargeable battery yes communication interface with others yes Hemodynamic modules included Electro-cardiogram (ECG) heart rate yes ECG route yes ST segment analysis and measurement yes determining at least 20 arrhythmias yes Pulse oximetry (SpO2) is photoplethysmography SpO2 value yes infusion rates yes Non-invasive blood pressure (NIBP) yes Respiration (transthoracic impedance) yes Temperature on 2 channels yes Invasive blood pressure (PPI) on 2 channels yes	Self-diagnosis system leak testing, respiratory circuit testing, compliance, gas supply, checking all systems + AGSS (anesthetic exhaust system) yes + Anesthetic agent consumption management system yes + Possibility to change the type of main gas in the menu yes + Pneumatic patient ventilation circuit with gas mixture heating function yes + auxiliary port outlet of the gas mixture yes + Parameters monitored and shown on the display Air pressure High pressure alarm yes + Sub atmospheric pressure alarm yes + Continuing the pressure alarm yes + Low blood pressure / apnea yes, only apnea + Other pressure alarms yes + Expiratory volume / flow yes + Volume minute, l / min yes + Concentration of O2 Apnea Alarm yes + Response time, sec <30 yes + The concentration of CO2 apnea alarm yes + Agent monitoring Agent type Halothan, isoflurane, sevoflurane, Enfluran, Desfluran yes + Self-identification of anesthetic gases yes + Alarm concentrating agent yes + Determining and displaying the MAC value yes + is spirometry yes + The gas module built into the anesthesia machine yes + determines the gas concentrations: O2, CO2, anesthetic agents yes + Cell determination O2 paramagnetic type yes + Monitor for displaying vital functions display ≥15 ", color TFT or LCD yes + touch screen yes + monitor dedicated to viewing vital functions yes side fixing monitor arm on anesthesia machine yes built-in thermal printer yes internal rechargeable battery yes communication interface with others yes Hemodynamic modules included Electro-cardiogram (ECG) heart rate yes ECG route yes ST segment analysis and measurement yes determining at least 20 arrhythmias yes Pulse oximetry (SpO2) is photoplethysmography SpO2 value yes infusion rates yes Non-invasive blood pressure (NIBP) yes Respiration (transthoracic impedance) yes Temperature on 2 channels yes Invasive blood pressure (PPI) on 2 channels yes
---	--

<p>BIS (bispectral index) monitoring mode or objective intraanesthetic neuro-muscular block (TOF / NMT) depth monitoring mode yes Priority alarms 3 Supply voltage 220 V, 50 Hz Auxiliary sockets 220 v ≥ 3 pcs yes Internal rechargeable battery yes working autonomy ≥2h yes Storage drawer ≥ 3 pcs yes Centralized brake for fixing the device yes Gas supply pressure 3.0 - 6 bar</p> <p>Accessory Hose with connector for connection to the compressed air source 1 pc. Hose with oxygen connection connector 1 pc. Adult ventilation circuit, reusable ≥ 2 sets. Adult test lung, reusable ≥ 2 pcs. Reusable flow sensor ≥ 2 pcs. Adult antibacterial filter, single use ≥ 200 pcs. Adult gas module accessories ≥ 2 sets. Adult ECG cable, reusable 5 wires ≥ 2 pcs. Adult ECG sensor, single use ≥ 100 pcs. SpO2 Adult sensor, reusable ≥ 2 pcs. NIBP Adult cuffs, reusable ≥ 2 pcs. Large adult, reusable ≥ 2 pcs. Adult temperature sensor, reusable ≥ 2 pcs. IBP Adult sensor interconnect cable, reusable ≥ 1 pc. Adult IBP sensor, single use ≥ 10 pcs. Accessories required for BIS or TOF / NMT module operation Adult accessories ≥ 5 pcs.</p>	<p>BIS (bispectral index) monitoring mode or objective intraanesthetic neuro-muscular block (TOF / NMT) depth monitoring mode yes Priority alarms 3 Supply voltage 220 V, 50 Hz Auxiliary sockets 220 v ≥ 3 pcs yes Internal rechargeable battery yes working autonomy ≥2h yes Storage drawer ≥ 3 pcs yes Centralized brake for fixing the device yes Gas supply pressure 3.0 - 6 bar</p> <p>Accessory Hose with connector for connection to the compressed air source 1 pc. Yes+ Hose with oxygen connection connector 1 pc. Yes+ Adult ventilation circuit, reusable ≥ 2 sets. Yes+ Adult test lung, reusable ≥ 2 pcs. Yes+ Reusable flow sensor ≥ 2 pcs. Yes+ Adult antibacterial filter, single use ≥ 200 pcs. Yes+ Adult gas module accessories ≥ 2 sets. Yes+ Adult ECG cable, reusable 5 wires ≥ 2 pcs. Adult ECG sensor, single use ≥ 100 pcs. SpO2 Adult sensor, reusable ≥ 2 pcs. NIBP Adult cuffs, reusable ≥ 2 pcs. Large adult, reusable ≥ 2 pcs. Adult temperature sensor, reusable ≥ 2 pcs. IBP Adult sensor interconnect cable, reusable ≥ 1 pc. Adult IBP sensor, single use ≥ 10 pcs. Accessories required for BIS or TOF / NMT module operation Adult accessories ≥ 5 pcs.</p>
<p>Manufacturer's representative</p>	<div></div> <div></div> <p>Javier Valera Regional Export Manager</p>