



Meditec Galaxy^{PLUS}

Anaesthesia Workstation



Most Effective And Efficient Patient Care

GalaxyPLUS are advanced anaesthesia workstations that combine efficient patient care with simplicity of operation. The modular workstation among its host of features, provides a choice between integrated electronic flowmeter and the traditional rotameters. Its advanced ventilation and monitoring capabilites provide a controlled and precise workflow during all stages of anaesthesia delivery making it suitable for all ages of patients from neonates to adults.



The ergonomically designed workstations provide a clean and uncluttered work environment by completely integrating the ventilator, breathing system, vaporiser, suction and scavenging system.

Special Features

- Fully integrated, compact & ergonomic design
- Anti Hypoxic Device
- Fail-proof audio/visual oxygen failure alarm
- Automatic cut-off of N₂O in case of O₂ failure
- Dual/Triple mounting of vaporisers
- Parking block for third vaporiser (optional)
- Auxiliary O₂ flowmeter
- Plug In upgrade modules
- Dual flow sensing capability at inhalation and exhalation ports

- Backup O₂ control independent of electrical failure
- Set and user defined priority alarms
- ACGO allows use with semi open circuits
- Top light and back light illumination
- Trolley mounted with lockable castors
- O₂ flush 35-75 l/min
- Air/N₂O interlock switch
- Basal Flow (optional)



Active Gas scavenging System(Optional)



O2 Auxiliary Flowmeter



15" Display Screen



Plug In Upgrade Modules

Vaporisers

Meditec England provides a choice of advanced vaporisers that set the standard for both quality and performance by combining ergonomic design with consistent accuracy. These vaporisers deliver accurate concentrations under varying conditions of flow, pressure and temperature. The vaporisers are colour coded with clear agent level indications and tamper proof labeling.



Features

- Ergonomic design, single hand operation
- Calibration range: 0 to 5% and 0 to 8% set using a laser refractometer
- Easy to turn dials with Safety Lock to prevent accidental turn on
- Agent specific vaporisers designed to provide constant output
- Available Screw fill, Meditec Fill or Quik Fil™
- Interlock mechanism to lock in series with other vaporisers
- Individually calibrated for each specific anaesthetic drug
- Agent capacity: 250 ± 25ml
- Available for Halothane, Isoflurane, Sevoflurane



Galaxy^{PLUS} with Mechanical Flowmeter

Ventilator Features

- The large 15" color LCD touch screen displays all ventilator setting data, measurement information, loops and numeric/graphic trends
- Different screen layouts such as Standard, Loops, Large Font etc.
- Besides volume and pressure controlled ventilation, there are SIMV, Pressure Support (PSV) modes which can assist in patient weaning once the operation has ended
- Minimum TV down to 20ml suitable for patients of any age, from infant to adult, by only one bellows
- Tidal volume compensation and electronic PEEP automatically compensates for fresh gas flow, system leak and the compliance change in the circuit
- The ascending bellows can provide immediate visual information on the adequacy of fresh gas flow and gives indication if there is any system leak
- Pneumatically driven and electronically controlled ventilator
- Cardiac By-pass mode
- Integrated pressure, volume and oxygen monitoring
- Fresh gas & compliance compensation
- Suitable for patients ranging from pediatric to adults
- Various ventilation modes: VCV, PCV, SIMV-V, SIMV-P, PSV, PRVC, SPONT & Manual
- Compressor for driving the ventilator electrically (Optional)

Sophisticated Monitoring

Respiratory parameter monitoring;

- Resistance (R), compliance(C), PEEP, I:E
- Optional: SpO2, PR
- Optional: CO2, N2O, Anaesthetic agent

Waveform: pressure-time, flow-time, volume-time,

- Optional: SpO₂-time, CO₂-time

Loop: volume-pressure, flow-volume, flow-pressure

- Optional: VT-CO,

Integrated Circle Absorber Breathing System

- Fully autoclavable at 134°C and latex free
- Automatic absorber heating technology to avoid water condensation
- Automatic absorber By-pass to change soda lime during surgery
- Single canister system
- Integrated bag/vent switch for automatic changeover from manual to mechanical ventilation
- Integrated pressure manometer, calibrated APL valve, O₂ sensor port
- Easily removable without use of any tool.



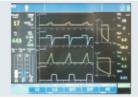
Single Canister System

Powerful Extended Functions (optional)

- Plug-in anaesthetic agent modules (mainstream/ sidestream); 5 anaesthetic agent $+ CO_2 + N_2O$ automatic agent curve
- Anaesthetic agent, para-magnetic oxygen monitoring module could be chosen for highly accurate monitoring
- Plug-in CO₂ module (mainstream/sidestream) for inspiratory and expiratory monitoring
- Neuromuscular Monitoring Module
- Plug-in SpO₂ module
- Active Anaesthesia Gas Scavanging System



Ventilator Screen



Main Display Screen



Self Test Screen



Ventilation Setting Screen to Set the Mode & Parameters of ventilation



Startup Screen to show and set patient category Patient weight can also be entered to calculate Tidal Volume



Monitored Value Screen to Display various Monitored Values of different parameters



Alarm Setting Screen for user to define various Low & High limits for alarms



System Setting Screen for Setting current date, time, waveform, configuration, calibration

Technical Specifications

Ventilation mode VV. PCV. SIMVV, SIMVP, PSV, PRVC, SPONT & Manual Tidal Volume (VT) 20-1500 mL Fraquency (f) 1-100 bpm LE Ratio 4:1-1:10 (increment: 0.5) Inspiratory pause (Tip:TI) OFF, 5%-50% PEEP Integrated electronic PEEP OFF, 4-30cmH ₂ O Pics Mirgor (F _{mix}) 1-15 L/min Pressure Support 5-60 cmH ₂ O Pressure Support 5-60 cmH ₂ O Pressure Support 5-60 cmH ₂ O Pressure Unit (PEEP+3)-70 cmH ₂ O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectated mounting system, optional 3rd parking position Qas Supply Pipeline: 0., N.O. Air. Oylinder: 0., N.O. (Optional) Pressure Gauge Pipeline: 0., N.O. Air. Oylinder: 0., N.O. (Optional) Pressure Gauge Pipeline: 0., N.O. Air. Oylinder: 0., N.O. (Optional) Pressure Gauge Pipeline: 0., N.O. Air. Oylinder: 0., N.O. (Optional) Pressure Value 2-70 cmH ₂ O Oncional Value are are a traditional retarreters Bay Optional Supplies Value 2-70 cmH ₂ O Optional Value are a traditional retarreters	rechnical Specification	
Frequency (f)	Ventilation mode	VCV, PCV, SIMV-V, SIMV-P, PSV, PRVC, SPONT & Manual
I.E. Ratio 4:1-1.10 (increment: 0.1s) Inspiratory time 0.1-10s (increment: 0.1s) Inspiratory Pause (Tip-Ti) OFF, 5%-50% PEEP Integrated electronic PEEP OFF, 4–30cmH₂O Flow Trigger (F₁mo) 1-15 L/min Pressure Control 5-70 cmH₂O Pressure Support 5-60 cmH₂O Pressure Support 5-60 cmH₂O Pressure Unit (PEEP+5)-70 cmH₂O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectatec mounting system, optional 3rd parking position Sas Supply Pipeline: O₂, N₂O, Air. Cylinder : O₂, N₂O (Optional) Pressure Gauge Pipeline: Oṛsesure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH₂O O₂, Canister Volume 1.5 kg By-pass Automatic; change soda lime during operation BagAlvent switch Switch for manual ventilation and mechanical ventilation AGGO connector 2.7 15mm Floy Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CQ, (Optional) CQ, modules (main-stream o		20–1500 mL
Inspiratory time 0.1−10s (increment: 0.1s) Inspiratory Pause (Tip:Ti) OFF, 5%-50% PEEP Integrated electronic PEEP OFF, 4–30cmH₂O Flow Trigger (F _{inu}) 1−16 L/min Pressure Control 5−70 cmH₂O Pressure Support 5 −60 cmH₂O Pressure Limit (PEEP+5)−70 cmH₂O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectate c mounting system, optional 3rd parking position Gas Supply Pipeline: O₂, N₂O, Air. Cylinder: O₂, N₂O (Optional) Pressure Gauge Pipeline: Deressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2−70 cmH₂O O₂, Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15 mm Ancesthetic agent monitoring (Optional) 5 Anaesthetic agents+N₂O+CO₂ automatic identification and concentration monitoring (main-stream or side-stream) AIMS (Optional) CO₂, modules (main-stream or side-stream) AIMS (Optional) Pug	Frequency (f)	1–100 bpm
Inspiratory Pause (Tip-Ti) OFF, 5%-50% PEEP Integrated electronic PEEP OFF, 4-30cmH ₂ O Flow Trigger (F _{sys}) 1-15 L/min Pressure Control 5-70 cmH ₂ O Pressure Support 5-60 cmH ₂ O Pressure Limit (PEEP+5)-70 cmH ₂ O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectates mounting system, optional 3rd parking position Gas Supply Pipeline: 0 ₂ , N ₂ O, Air. Cylinder: 0 ₂ , N ₂ O (Optional) Pressure Gauge Pipeline pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters API. Valve 2-70 cmH ₂ O CO, Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N ₂ O + CO ₂ automatic identification and concentration monitoring (main-stream or side-stream) FiQ CO ₂ (Optional) CO ₂ modules (main-stream or side-stream) Almas (Optional) Pressure-time, Flow-time, Volume-time	I:E Ratio	4:1–1:10 (increment: 0.5)
PEEP Integrated electronic PEEP OFF, 4-30cmH₂O Flow Trigger (Fma) 1-15 L/min Pressure Control 5-70 cmH₂O Pressure Support 5-60 cmH₂O Pressure Limit (PEEP+5)-70 cmH₂O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectate mounting system, optional 3rd parking position Qass Supply Pipeline: O₂, N₂, O. Air. Cylinder: O₂, N₂,O (Optional) Pressure Gauge Pipeline: O₂, N₂, O. Air. Cylinder: O₂, N₂,O (Optional) Pressure Gauge Pipeline: O₂, N₂,O. Air. Cylinder: O₂, N₂,O (Optional) Pressure Gauge Pipeline: pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH₂O CO₂, Canister Volume 1.5 Kg By-pass Automatic, change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent swnitching (Optional) 5 Anaesthetic agents +N₂O+CO₂ automatic identification and concentration monitoring (mainstern or side-stream) FlO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor<	Inspiratory time	0.1–10s (increment: 0.1s)
Flow Trigger (F _{max}) 1-15 L/min Pressure Control 5-70 cmH ₂ O Pressure Support 5-60 cmH ₂ O Pressure Limit (PEEP+5)-70 cmH ₂ O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectate c mounting system, optional 3rd parking position Gas Supply Pipeline: O ₂ , N ₂ O, Air. Cylinder: O ₂ , N ₂ O (Optional) Pressure Gauge Pipeline pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH ₂ O CO₂ Canister Volume 1.5 Kg By-pass Automatic, change soda lime during operation Bag/Yent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15 mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N ₂ O + CO₂ automatic identification and concentration monitoring (main-stream or side-stream) FlO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO₂ (Optional) Anaesthesia Information Management System with 17° Screen & Software SpO₂ module (optional) Pige-in SpO₂ module Waveform Pressure-lime, Flow-lime, Vol	Inspiratory Pause (Tip:Ti)	OFF, 5%–50%
Pressure Control 5-70 cmH₂O Pressure Support 5-60 cmH₂O Pressure Limit (PEEP+5)-70 cmH₂O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectatec mounting system, optional 3rd parking position Gas Supply Pipeline: O₂, N₂O, Air. Cylinder: O₂, N₂O (Optional) Pressure Gauge Pipeline pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH₂O CO, Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation AGGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N₂O + CO₂ automatic identification and concentration monitoring (main-stream or side-stream) FIO, Standard chemical oxygen sensor, optional para-magnetic oxygen sensor CO₂ (Optional) CO₂ modules (main-stream or side-stream) AIMS (Optional) Plug-in SpO₂ module Waveform Plug-in SpO₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO₂	PEEP	Integrated electronic PEEP OFF, 4–30cmH₂O
Pressure Support 5-60 cmH ₂ O Pressure Limit (PEEP+5)-70 cmH ₂ O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectated mounting system, optional 3rd parking position Gas Supply Pipeline: O ₂ , N ₂ O, Air. Cylinder: O ₂ , N ₂ O (Optional) Pressure Gauge Pipeline pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH ₂ O CO ₂ Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Yent switch Switch for manual ventiliation and mechanical ventilation AGGO connector 22 / 15 mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents+N ₂ O+CO ₂ automatic identification and concentration monitoring (main-stream or side-stream) FiO ₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO ₂ (Optional) CO ₂ module (main-stream or side-stream) AlMS (Optional) Plug-in SpO ₂ module Waveform Pressure-time, Flow-time, Volume-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: Volume, Flow-volume, Flow-pressure	Flow Trigger (F _{TRIG})	1–15 L/min
Pressure Limit (PEEP+5)-70 cmH,O Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectates mounting system, optional 3rd parking position Gas Supply Pipeline: O₂, N₂O, Air. Oylinder: O₂, N₂O (Optional) Pressure Gauge Pipeline pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH,O CO₂ Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation AGGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N₂O + CO₂ automatic identification and concentration monitoring (mainstream or side-stream) FlO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO₂ (Optional) CO₂ modules (main-stream or side-stream) AlMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO₂ module (optional) Plug-in SpO₂ module Waveform Pressure-lime, Flow-lime, Volume-time Optional: SpO₂-time, CO₂-time, Fio₂-time, Anaesthetic agent-time Depart (H, Flo₂-t, MY-t, MY-worth, Flow-volume, Flow-volume, Plow-volume, Flow-volume, Plow-volume, Plow-volume, Plow-volume, Plow-volume,	Pressure Control	5–70 cmH ₂ O
Peak Flow > 120 L/min Vaporiser Mounting 2 positions, selectatec mounting system, optional 3rd parking position Gas Supply Pipeline: O₂, N₂O, Air.	Pressure Support	5–60 cmH ₂ O
Vaporiser Mounting 2 positions, selectated mounting system, optional 3rd parking position Gas Supply Pipeline: O _p , N _p O, Air. Oylinder: O _p , N _p O (Optional) Pressure Gauge Pipeline pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH _p O CO _p Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Nent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N _p O + CO _p automatic identification and concentration monitoring (mainstream or side-stream) FlO _p Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO _p (Optional) CO _p modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO _p module (optional) Plug-in SpO _p module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO _p -time, CO _p -time, Floy-time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-cO _p Opt	Pressure Limit	(PEEP+5)-70 cmH ₂ O
Gas Supply Pipeline: O₂, N₄O, Air. Cylinder : O₂, N₄O (Optional) Pressure Gauge Pipeline pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH₂O CO₂ Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N₂O + CO₂ automatic identification and concentration monitoring (main-stream or side-stream) FiO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO₂ (Optional) CO₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17° Screen & Software SpO₂ module (optional) Plug-in SpO₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO₂-time, CO₂-time, Floy-time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-Co₂ Optional: volume-time, Floy-time, Ploy-pressure Monitored Parameter C, N, N, N, M, N, N, E, F, F, F, F, F	Peak Flow	> 120 L/min
Pressure Gauge Pipeline pressure gauges and Cylinder pressure gauges Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2−70 cmH₂O CO₂ Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Nent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) Standard chemical oxygen sensor; optional para-magnetic oxygen sensor FiO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO₂ (Optional) CO₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO₂ module (optional) Plug-in SpO₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO₂-time, CO₂-time, Floy-time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Floy-pressure Optional: volume-CO₂ Trend P₂, M,	Vaporiser Mounting	2 positions, selectatec mounting system, optional 3rd parking position
Flow Meter Choice of Electronic Flow meter or traditional rotameters APL Valve 2-70 cmH₂O CO₂ Canister Volume 1.5 kg By-pass Automatic; change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22/15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents +N₂O+CO₂ automatic identification and concentration monitoring (mainstream or side-stream) FiO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO₂ (Optional) CO₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO₂ module (optional) Plug-in SpO₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO₂-time, CO₂-time, Flo₂-time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO₂ Optional: volume-CO₂ Trend Power t, f+t, FiO₂-t, MV-t, PEEPt, VT-t Monitored Parameter C, R, V₂, V₁, MV, MV www, F, F₂, v. E, Ppus, Pruso, Ppus, Pruso, Ppus Ppus Physical Dimension in mm (Hx Wx D) 15 To x 880 x 1000 To x 800 x 1	Gas Supply	Pipeline: O ₂ , N ₂ O, Air. Cylinder: O ₂ , N ₂ O (Optional)
APL Valve 2-70 cmH ₂ O CO ₂ Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N ₂ O + CO ₂ automatic identification and concentration monitoring (mainstream or side-stream) FIO ₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO ₂ (Optional) CO ₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO ₂ module (optional) Plug-in SpO ₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO ₂ -time, CO ₂ -time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO ₂ Trend Ppsac*t, f-t, Flo;-t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V ₁₅ , V ₁₀ , MV, MV ₂₀ , F, F ₂₀₀ , F, F ₂₀₀ , P ₂₀₀ , P ₂₀₀ Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) </td <td>Pressure Gauge</td> <td>Pipeline pressure gauges and Cylinder pressure gauges</td>	Pressure Gauge	Pipeline pressure gauges and Cylinder pressure gauges
CO₂ Canister Volume 1.5 Kg By-pass Automatic; change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents+N₂O+CO₂ automatic identification and concentration monitoring (mainstream or side-stream) FIO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO₂ (Optional) CO₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO₂ module (optional) Plug-in SpO₂ module Po₂ module (optional) Pressure-time, Flow-time, Volume-time Optional: SpO₂-time, Flo₂-time, Flo₂-time, Anaesthetic agent-time Loop Pressure-volume, Flow-pressure Optional: volume-CO₂ Trend Ppast-t, f-t, Flo₂-t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V _m , V _m , MV, MV _{gen} , F, F _{spri} , I-E, P _{past} , P _{man} , P _{past} Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery	Flow Meter	Choice of Electronic Flow meter or traditional rotameters
By-pass Automatic; change soda lime during operation Bag/Vent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N ₂ O + CO ₂ automatic identification and concentration monitoring (mainstream or side-stream) FiO ₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO ₂ (Optional) CO ₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO ₂ module (optional) Plug-in SpO ₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO ₂ -time, CO ₂ -time, FiO ₂ -time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO ₂ Optional: volume-CO ₂ Trend P _{peak} -t, f-t, FiO ₂ -t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V _{TE} , V _{TE} , MV, MV, M _{DED} , F, F _{spD} , F, F _{spD} , F, P _{peak} , P _{peak} , P _{peak} , P _{peak} Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.)	APL Valve	2–70 cmH ₂ O
Bag/Nent switch Switch for manual ventilation and mechanical ventilation ACGO connector 22 / 15mm Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N₂O + CO₂ automatic identification and concentration monitoring (mainstream or side-stream) FiO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO₂ (Optional) CO₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO₂ module (optional) Plug-in SpO₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO₂-time, CO₂-time, FiO₂-time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO₂ Trend P _{peak} -t, f-t, FiO₂-t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V _{TE} , V _T , MV, MV _{Qen} , F, F _{spn} , F,	CO ₂ Canister Volume	1.5 Kg
ACGO connector Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N ₂ O + CO ₂ automatic identification and concentration monitoring (mainstream or side-stream) FiO ₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO ₂ (Optional) CO ₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO ₂ module (optional) Plug-in SpO ₂ module Pressure-time, Flow-time, Volume-time Optional: SpO ₂ -time, CO ₂ -time, FiO ₂ -time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO ₂ Trend P _{peast} -t, t-t, FiO ₂ -t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V _{TE} , V _{TI} , MV, MV _{Qpn} , F, F _{spn} , I:E, P _{peak} , P _{mean} , P _{plat} Physical Dimension in mm (H x W x D) Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	By-pass	Automatic; change soda lime during operation
Anaesthetic agent monitoring (Optional) 5 Anaesthetic agents + N₂O + CO₂ automatic identification and concentration monitoring (mainstream or side-stream) FiO₂ Standard chemical oxygen sensor; optional para-magnetic oxygen sensor CO₂ (Optional) CO₂ modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO₂ module (optional) Plug-in SpO₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO₂-time, CO₂-time, FiO₂-time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO₂ Trend Ppeas-t, f, f, F, Fo₂-t, M-V-t, PEEP-t, VT-t Monitored Parameter C, R, V¬¬, MV, MV¬¬, MV, MV¬¬, F, F¬¬, I:E, P¬¬, Past, P¬¬, Past Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	Bag/Vent switch	Switch for manual ventilation and mechanical ventilation
stream or side-stream)FiO2Standard chemical oxygen sensor; optional para-magnetic oxygen sensorCO2 (Optional)CO2 modules (main-stream or side-stream)AIMS (Optional)Anaesthesia Information Management System with 17" Screen & SoftwareSpO2 module (optional)Plug-in SpO2 moduleWaveformPressure-time, Flow-time, Volume-timeOptional: SpO2-time, CO2-time, FiO2-time, Anaesthetic agent-timeLoopPressure-volume, Flow-volume, Flow-pressureOptional: volume-CO2TrendPpeak-t, f-t, FiO2-t, MV-t, PEEP-t, VT-tMonitored ParameterC, R, VTE, VTI, MV, MV Myen, F, Fen, I:E, Ppeak, Pmean, PpatPhysical Dimension in mm (H x W x D)1570 x 880 x 1000Storage2 spacious drawersNet weight108 kgPower100 to 240 VAC, 50/60 Hz, 6.5A (Max.)Battery120 minutes	ACGO connector	22 / 15mm
CO2 (Optional) CO2 modules (main-stream or side-stream) AIMS (Optional) Anaesthesia Information Management System with 17" Screen & Software SpO2 module (optional) Plug-in SpO2 module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO2-time, CO2-time, FiO2-time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO2 Trend Ppost-1, f-t, FiO2-t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, VTE, VT, MV, MV spnr, F, Fspnr, I:E, Ppost, Pmoan, Ppst Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	Anaesthetic agent monitoring (Optional)	
Anaesthesia Information Management System with 17" Screen & Software SpO ₂ module (optional) Plug-in SpO ₂ module Waveform Pressure-time, Flow-time, Volume-time Optional: SpO ₂ -time, CO ₂ -time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO ₂ Trend P _{peak} -t, f-t, FiO ₂ -t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V _{TE} , V _{TI} , MV, MV _{spn} , F, F _{spn} , I:E, P _{peak} , P _{mean} , P _{peat} Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	FiO ₂	Standard chemical oxygen sensor; optional para-magnetic oxygen sensor
SpO2 module (optional)Plug-in SpO2 moduleWaveformPressure-time, Flow-time, Volume-timeOptional: SpO2-time, CO2-time, FiO2-time, Anaesthetic agent-timeLoopPressure-volume, Flow-volume, Flow-pressureOptional: volume-CO2TrendPpeak-t, f-t, FiO2-t, MV-t, PEEP-t, VT-tMonitored ParameterC, R, VTE, VTI, MV, MV spn. F, F spn. I:E, Ppeak, Pmean, PpistPhysical Dimension in mm (H x W x D)1570 x 880 x 1000Storage2 spacious drawersNet weight108 kgPower100 to 240 VAC, 50/60 Hz, 6.5A (Max.)Battery120 minutes	CO ₂ (Optional)	CO ₂ modules (main-stream or side-stream)
$\begin{tabular}{lll} Waveform & Pressure-time, Flow-time, Volume-time & Optional: SpO_2-time, CO_2-time, FiO_2-time, Anaesthetic agent-time & Pressure-volume, Flow-volume, Flow-pressure & Optional: volume-CO_2 & & Pressure-volume, Flow-pressure & Optional: volume-CO_2 & & Pressure-time & Pressure-time & Pressure-time & Pressure-time, Flow-time, Flow-time, Anaesthetic agent-time & Pressure-volume, Flow-pressure & Optional: volume-CO_2 & & Pressure-time, Flow-time, Flow-time, Flow-time, Anaesthetic agent-time & Pressure-time, Flow-time, Flow-time, Flow-time, Anaesthetic agent-time & Pressure-time, Flow-time, Flow-time, Floy-time, Anaesthetic agent-time & Pressure-time, Flow-time, Floy-time, Anaesthetic agent-time & Pressure-time, Flow-time, Floy-time, Anaesthetic agent-time & Pressure-time, Floy-time, Floy-time, Floy-time, Floy-time, Anaesthetic agent-time & Pressure-time, Flow-time, Floy-time, Anaesthetic agent-time & Pressure-time, Floy-time, Floy-time, Floy-time, Floy-time, Anaesthetic agent-time & Pressure-time, Floy-time, Floy-time, Anaesthetic agent-time & Pressure-time, Floy-time, $	AIMS (Optional)	Anaesthesia Information Management System with 17" Screen & Software
Optional: SpO₂-time, CO₂-time, FiO₂-time, Anaesthetic agent-time Loop Pressure-volume, Flow-volume, Flow-pressure Optional: volume-CO₂ Trend Ppeak-t, f-t, FiO₂-t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V _{TE} , V _{TI} , MV, MV _{Spn} , F, F _{Spn} , I:E, Ppeak, Pmean, Ppeat Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	SpO ₂ module (optional)	Plug-in SpO ₂ module
LoopPressure-volume, Flow-volume, Flow-pressureOptional: volume-CO2TrendPpeak*t, f-t, FiO2*t, MV-t, PEEP-t, VT-tMonitored ParameterC, R, VT, NM, MV MV, F, F, F, IE, Ppeak, Pmean, PpiatPhysical Dimension in mm (H x W x D)1570 x 880 x 1000Storage2 spacious drawersNet weight108 kgPower100 to 240 VAC, 50/60 Hz, 6.5A (Max.)Battery120 minutes	Waveform	Pressure-time, Flow-time, Volume-time
Optional: volume-CO ₂ Trend P _{peak} -t, f-t, FiO ₂ -t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V _{TE} , V _{TI} , MV, MV _{spn} , F, F _{spn} , I:E, P _{peak} , P _{mean} , P _{plat} Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes		Optional: SpO ₂ -time, CO ₂ -time, FiO ₂ -time, Anaesthetic agent-time
Trend P _{peak} -t, f-t, FiO ₂ -t, MV-t, PEEP-t, VT-t Monitored Parameter C, R, V _{TE} , V _{TI} , MV, MV _{spn} , F, F _{spn} , I:E, P _{peak} , P _{mean} , P _{plat} Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	Loop	Pressure-volume, Flow-volume, Flow-pressure
Monitored Parameter C, R, V _{TE} , V _{TI} , MV, MV _{spn} , F, F _{spn} , I:E, P _{peak} , P _{mean} , P _{plat} Physical Dimension in mm (H x W x D) Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes		Optional: volume-CO ₂
Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	Trend	P _{peak} -t, f-t, FiO ₂ -t, MV-t, PEEP-t, VT-t
Physical Dimension in mm (H x W x D) 1570 x 880 x 1000 Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	Monitored Parameter	$C, R, V_{TE}, V_{TI}, MV, MV_{spn}, F, F_{spn}, I:E, P_{peak}, P_{mean}, P_{plat}$
Storage 2 spacious drawers Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	Physical Dimension in mm (H x W x D)	
Net weight 108 kg Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	7.0	2 spacious drawers
Power 100 to 240 VAC, 50/60 Hz, 6.5A (Max.) Battery 120 minutes	Net weight	108 kg
	Battery	120 minutes

Ordering Information

Option 1	Galaxy ^{PLUS} with Virtual Flowmeter
Option 2	Galaxy ^{PLUS} with Mechanical Flowmeter



8, Pinner View, Harrow, Middlx, HA1 4QA, United Kingdom Tel: +44 203 6423808

E-mail: sales@meditecengland.co.uk Website: www.meditecengland.co.uk



tel: 07711011137-07715553335 Emeil: info@almanara-iq.com website : www.almanara-iq.com بغداد / باب المعظم / خلف جامع عادلة خاتون