

Adonis-302

Feature

- 8.4 inch colour LCD screen
- Compact Anesthesia ventilation system with the standard of ISO 9001:2015
- Easy to operate, user friendly
- Ventilation parameters monitoring, preset parameters, alarm indication and breathing
- waveform monitoring
- Support adult and pediatric
- Applied for closed, semi-closed, semi open inhalation anesthesia controlled or assisted ventilation 3gas sources

Technique Specifications

Physical specifications

Dimensions: 70*85*140cm
Weight: 65kg
Casters: Central brake with lock
Screen: LCD
Display: 8.4 inch
Display graphics: Waveforms of P-T, F-T, V-T, loops of P-V, V-F, F-P
Monitoring: VT, MV, BPM, Paw, Paw, Lung compliance, Inspiratory Platform, FiO₂

Ventilator Specifications

Modes of ventilation

VCV: Volume Controlled Ventilation
SIMV: Synchronized Intermittent Mandatory Ventilation
MANUAL: Manual
SIPPV (A/C): Synchronized Intermittent Positive Pressure Ventilation
PCV: Pressure Control Ventilation
STAND-BY: STAND-BY

Ventilator parameter

Working type: Electronically controlled, pneumatic driven
Tidal Volume range: 20-1500ml
Pressure range: 5-80 mbar
Rispiration Rate Range: 1-99bpm (1-40bpm under SIMV)
I:E Range: 4:1-1:8
Ptrigger Range: -20-20cmH₂O
Minute volume range: >18L/Min
SIGH range: 0-5/100

Working specifications

Power: AC 220V±10%, 50Hz±2%
 Output pressure: 0.4±0.1MPa
 Current: 500mA max



System Standard

Hypoxic guard system: N2O cut-off valve, O2 concentration <25%

Safety valve: <12.5kPa
Fresh gas compensation: 25-75L/min
Flowmeter: Cascade, 0-10L/min
Volume of CO2 absorber: 1.5L
Flow meter: 5 Tubes, Cascade 0.1-10L/min O2 0.1-10L/min N2O, 1-10L/min air
Vaporizer: 2 Selectetac, maximum 2 mounts (Isoflurane / Enflurane / Sevoflurane / Halothane)

Alarm Limits

Audio/Visual: No tidal volume, MV, Paw, FiO₂ limitation O₂, Air failure, AC power failure, backup low

Pipeline supply

Gas configuration: O₂, N₂O, Air
Pipeline input range: 280-600kPa

Battery Power

Battery Type: Lead-acid 12V, 4Ah
Run-time: Typical 30 mins+, up to 2 hrs

Pre-setting functions

Language: ENGLISH
Calibration: Automatic

Applications

Patient range: Adult/ Pediatric
PEEP
Type: Integrated, Electronic control
Range: OFF, 3-20cm H₂O

Optional

ACGO: Auxiliary Common Gas Outlet
Vaporizer: Selectetac
Yoke system (Pin-index): Support 11L cylinder, O₂/N₂O
AGSS: Anaesthetic Gas Scavenging Systems



ACGO



Yoke system



Vaporizer



AGSS



TECHNOLOGY FOR LIFE



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Anesthesia System

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CE ISO9001/13485

Adonis-201A

Feature

- Integrated breathing circuit with APL valve, excellent tightness.
- Replacing drive bellow is NOT required when operating Adult/pediatric anesthesia.
- Applied with 1 high-precision vaporizers, (with optional to Selectatec).
- 7 inch screen with no dead space.
- Real-time detection for loops, Paw, BPM, VT and compliance.
- Comprehensive monitoring capabilities include ventilation parameters monitoring, preset parameters, alarm indication and breathing waveform monitoring.
- ACGO available to connect with T?Bain circuit for open operation.
- Yoke system with up to 3 back up cylinders (A type with 11L size).

Technique Specifications

Physical specifications

Dimensions: 70*85*140cm
Weight: 50kg
Casters: Front wheels with lock
Screen: LCD
Display: 7 inch
Display graphics: Waveforms of P-T, F-T
Monitoring: VT, MV, BPM, Paw, Inspiratory Platform, FI_{O_2}

Working specifications

Power: AC 220V \pm 10%, 50Hz \pm 2%
Output pressure: 0.4 \pm 0.1MPa
Current: 500mA max



Ventilator Specifications

Modes of ventilation

IPPV: Intermittent Positive Pressure Ventilation
SIMV: Synchronized Intermittent Mandatory Ventilation
MANUAL: Manual
SIPPV (A/C): Synchronized Intermittent Positive Pressure Ventilation
STAND-BY: STAND-BY

System Standard

Hypoxic guard system: N2O cut-off valve, O_2 concentration >25%
Safety valve: <12.5kPa
Fresh gas compensation: 25-75L/min
Flowmeter: Cascade, 0-10L/min
Volume of CO2 absorber: 2L
Flow meter: 4 Tubes, Cascade 0.1-15L/min O_2 0.1-15L/min N_2O
Vaporizer: 1 Selectetac, maximum 2 mounts (Isoflurane / Enflurane / Sevoflurane / Halothane)

Ventilator parameter

Working type: Electronically controlled, pneumatic driven
Tidal Volume range: 40-1500ml
Pressure range: 5-80 mbar
Rispiration Rate Range: 1-99bpm (1-40bpm under SIMV)
I:E Range: 4:1-1:8
Ptrigger Range: -20-20cmH₂O
Minute volume range: >18L/Min
SIGH range: 0-5/100

Alarm Limits

Audio/Visual: No tidal volume, MV, Paw, FI_{O_2} limitation O_2 , Air failure, AC power failure, battery low

Pipeline supply

Gas configuration: O_2 , N_2O
Pipeline input range: 280-600kPa

Battery Power

Battery Type: Lead-acid 12V, 4Ah
Run-time: Typical 30 mins+, up to 2 hrs

Pre-setting functions

Language: ENGLISH
Calibration: Automatic

Applications

Patient range: Adult/ Peadiatric

Optional

AGSS
 Suction Unit
 Auxiliary O_2 flowmeter
 Vaporizer (Selectatec)



Adonis-301C

Feature

- 7 inch colour LCD screen
- Compact Anesthesia ventilation system with the standard of ISO 9001:2015
- Easy to operate, user friendly
- Ventilation parameters monitoring, preset parameters, alarm indication and breathing waveform monitoring
- Support adult and pediatric
- Applied for closed, semi-closed, semi open inhalation anesthesia controlled or assisted ventilation

Technique Specifications

Physical specifications

Dimensions: 70*85*140cm
Weight: 65kg
Casters: Central brake with lock
Screen: LCD
Display: 7 inch
Display graphics: Waveforms of P-T, F-T
Monitoring: VT, MV, BPM, Paw, Lung compliance

Working specifications

Power: AC 220V \pm 10%, 50Hz \pm 2%
Output pressure: 0.4 \pm 0.1MPa
Current: 500mA max

Ventilator Specifications

Modes of ventilation

IPPV: Intermittent Positive Pressure Ventilation
SIMV: Synchronized Intermittent Mandatory Ventilation
MANUAL: Manual
STAND-BY: STAND-BY

Ventilator parameter

Working type: Electronically controlled, pneumatic driven
Tidal Volume range: 20-1500ml
Pressure range: 5-80 mbar
Rispiration Rate Range: 1-99bpm (1-40bpm under SIMV)
I:E Range: 4:1-1:8
Ptrigger Range: -20-20cmH₂O
Minute volume range: >18L/Min
SIGH range: 0-5/100
Type: Integrated, Electronic control

System Standard

Hypoxic guard system: N2O cut-off valve, O_2 concentration no less than 25%
Safety valve: <12.5kPa
Fresh gas compensation: 25-75L/min
Flowmeter: Cascade, 0-10L/min
Volume of CO2 absorber: 1.5L
Vaporizer: 1 Selectetac, maximum 2 mounts (Isoflurane / Enflurane / Sevoflurane / Halothane)

Alarm Limits

Audio/Visual: No tidal volume, MV, Paw, FI_{O_2} limitation O_2 , Air failure, AC power failure, backup low



ACGO



Yoke system



Vaporizer



AGSS

Pipeline supply

Gas configuration: O_2 , N_2O
Pipeline input range: 280-600kPa

Battery Power

Battery Type: Lead-acid 12V, 4Ah
Run-time: Typical 30 mins+, up to 2 hrs

Pre-setting functions

Language: ENGLISH
Calibration: Automatic

Applications

Patient range: Adult/ Peadiatric

PEEP

Range: OFF, 3-20cmH₂O

Optional

Optional

ACGO: Auxiliary Common Gas Outlet
Vaporizer: Selectatec
Yoke system (Pin-index): Support 11L cylinder, O_2 / N_2O
AGSS: Anaesthetic Gas Scavenging Systems

Environmental Conditions

Operating Temp: 5 °C ~ 40 °C
Storage Temp: -10 °C ~ 40 °C
Humidity: ≤80 %
Atmosphere pressure: 960 hPa ~ 1040 hPa