LabLife V1

Research Anesthesia Machine

mindray
animal medical

Compact Design, Complete Protection





LabLife V1

Research Anesthesia Machine



Dual-channel / 5-channel flowmeter options

Effective waste gas absorption system

Integrated, assembly-free design

Compatible with standard lab cleaning methods

V60 Anesthetic Vaporizer with precise performance

Easy and Efficient

Easy to Use

· Integrated design - ready to use right out of the box.

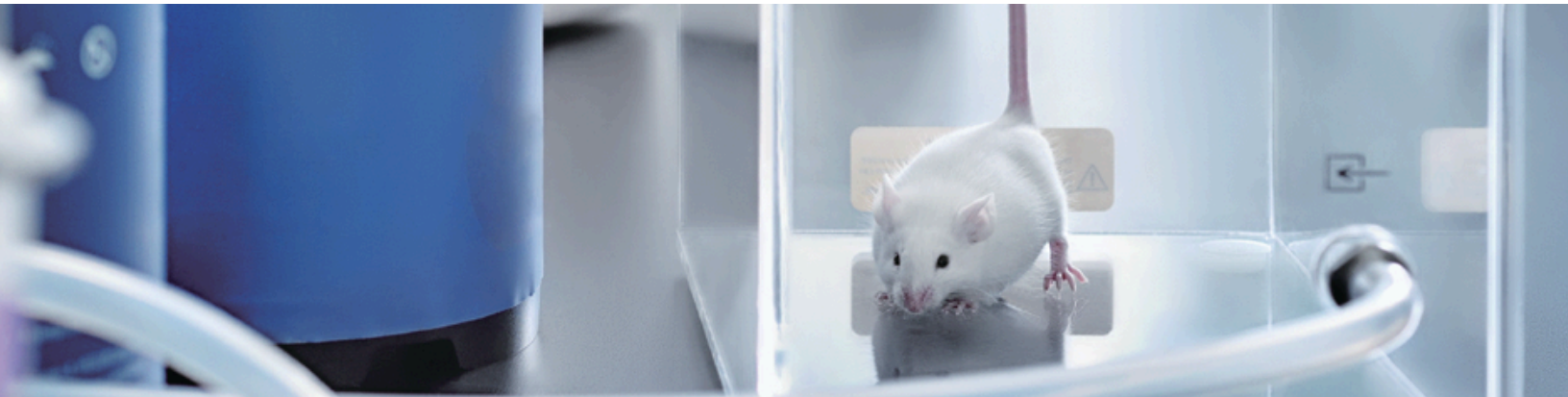
· No assembly required.

· Includes essential accessories for diverse research applications.

· Toggle easily between mask and induction chamber without changing hoses.

Easy to Maintain

LabLife 1 simplifies rodent anesthesia procedures by combining Mindray Animal Medical's proven anesthesia expertise with the specific requirements of laboratory research.





Safety and Health

LabLife V1protectsthe well-being ofbothlaboratoryanimals and researchers. Its advanced waste gas absorption



The V60 Anesthetic Vaporizer provides consistent anesthetic output and precise concentration through automatic flow, temperature and pressure compensation.



Specially designed mask reduces dead space and, with its angled anesthetic gas inlet, is well-suited for the rostral anatomy of rats and mice.

Design effectivelyminimizesexposure,creatingasafer,cleaner working environment, helping to protect laboratory animals and safeguard researchers.

O2Flush

Flush residual anesthesia gas in the induction chamber to the waste gas filter canister quickly.

High-performance waste gas canister

The seamless design and high-performance activated carbon efficiently absorb anesthesia gas.



Pull-out induction chamber

Fully sealed and leak-proof, effectively minimizing anesthetic gas leakage.

Specially designed mask for rodents

Snug-fitting o-ring seal reduces leak risk.



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mindray animal care

Physical Specifications

Dimensions and Weight

Weight	≤ 12 kg
Height	≤327mm
Width	≤255mm
Depth	≤340mm

Pneumatic System Specifications

Pipeline Supply

Gas type Oxygen

Gas supply pressure scope

280 kPa~600 kPa(40PSI~87PSI)

Input connector NIST or DISS

Connector number

One(O2)

Gas supply pressure gauge range

0kPa ~ 1000 kPa(0PSI~140PSI)

Oxygen Flush

Flow range 10L/min~15L/min (the gas supply pressure 280kPa)

Flowmeter

Number	One(O2)
Range	0L/min ~ 4 L/min
Accuracy	±0.1L/min or ± 10% of the indicated value, whichever is greater

Anesthetic Vaporizer Specifications

Vaporizer

Filling methods Isoflurane: Pour Fill, Key Filler

Sevoflurane: Pour Fill, Key Filler, Quik-Fil

Weight 6.0kg ± 0.5 kg (empty)

6.5kg ± 0.5 kg (full)

Filling volume 360 ml ± 60 mL (dry wick)

300 ml ± 60 mL (moist wick)

260 ml (between the minimum and maximum marks)

Concentration range

Isoflurane: 0 vol.%~6 vol.%

Sevoflurane: 0 vol.%~8 vol.%

Concentration accuracy range

±0.25vol.% or ±20% of set value, whichever is greater.

Environment Specifications

Operation

Temperature (°C) 10 to 40

Relative humidity (noncondensing) 15% to 95% R.H.

Barometric pressure (kPa) 70 to 106.7

Storage

Temperature (°C) -20 to 60

Relative humidity (noncondensing) 10% to 95% R.H.

Barometric pressure (kPa) 50 to 106.7

Accessory Specification

Induction Chamber

Volume 5L——for rats

1.5L——for mice

Interface Two

Single-channel rodent procedure board

Mask holder One

Screw 12

5-channel rodent procedure board

Mask interface 5

Anesthesia Gas Filter Canister

Saturation weight 200g

Multi-channel Flowmeter

Type O2 glass tube flowmeter

Quantity 2-tube or 5-tube

Flow adjustment range 0 L/min – 1 L/min

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INFINIUM® VETERINARY HEALTH

12151 62nd St N #5
Largo FL 33773 • USA

1 (866) 846-7517

For more information visit:

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