

DATASHEET · ANESTHESIA & VENTILATION

Anesthesia Induction Chamber.

SKU CS-ANES-CHAMBER-001 Spec v8 Rev. 2026-05-26

DATASHEET · P
CS-ANES-CHAMBER
 Rev 2026



PRODUCT FAMILY	Small-animal inhalation induction chamber
ANIMAL MODEL	Mouse, rat, rabbit, cat (model-dependent)
APPLICATION	Pre-procedure inhalation anesthesia induction
COUNTRY OF ORIGIN	China
MFG. STANDARD	ISO 9001 supplier
LOT TRACEABLE	Yes · per unit
VERIFIED	Spec v8 · May 2026

CHAMBER - LEVEL SPECIFICATIONS

BODY, LID, CLOSURE, GAS I/O

BODY MATERIAL	Cast acrylic (PMMA), transparent	LID THICKNESS	11 mm, hinged
CLOSURE	Seal-strip, compression	GAS INTERFACE	Coaxial or separate inlet/outlet
EXHAUST ROUTING	Corrugated tubing & charcoal canister	CONFIGURATIONS	7 model variants (4 coaxial, 3 separate I/O)
CLEANING	Wipe-clean, acrylic-safe disinfectant	WARRANTY	12 months from ship date

MODEL VARIANTS · 7 LINE ITEMS

EXTENDED ATTRIBUTES

QTY	MODEL	SKU	I/O	MATERIAL	EXTERNAL DIMENSIONS
1	Mouse, coaxial I/O	CS-ANES-CHAMBER-MOUSE-COAX	Coaxial	PMMA	150 × 150 × 150
1	Mouse and rat, coaxial I/O	CS-ANES-CHAMBER-RODENT-COAX	Coaxial	PMMA	240 × 150 × 150
1	Rabbit and cat, coaxial I/O	CS-ANES-CHAMBER-RABCAT-COAX	Coaxial	PMMA	380 × 240 × 150
1	Large animal, coaxial I/O	CS-ANES-CHAMBER-LARGE-COAX	Coaxial	PMMA	500 × 380 × 150
1	Mouse, separate I/O	CS-ANES-CHAMBER-MOUSE-SEP	Separate	PMMA	150 × 150 × 150
1	Mouse and rat, separate I/O	CS-ANES-CHAMBER-RODENT-SEP	Separate	PMMA	240 × 150 × 150
1	Rabbit and cat, separate I/O	CS-ANES-CHAMBER-RABCAT-SEP	Separate	PMMA	380 × 240 × 150



Scope. Chamber scope excludes the anesthetic delivery system, waste-gas scavenging, warming, and monitoring. Pair this chamber with separate equipment sized to your animal model and approved animal-care protocol. See the accompanying Setup Guide PDF for staging.

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MODEL VARIANTS · EXTENDED ATTRIBUTES

SAME MODEL ORDER

ITEM	ANIMAL FIT	INTERNAL FLOOR (APPROX)	WALL	PORT FITTING
Mouse, coaxial I/O	Mouse	138 × 88	6 mm	Barbed, 6 mm
Mouse and rat, coaxial I/O	Mouse, rat	228 × 108	6 mm	Barbed, 6 mm
Rabbit and cat, coaxial I/O	Rabbit, cat	366 × 266	8 mm	Barbed, 10 mm
Large animal, coaxial I/O	Large rodent / small lagomorph	486 × 286	8 mm	Barbed, 10 mm
Mouse, separate I/O	Mouse	138 × 88	6 mm	Barbed, 6 mm
Mouse and rat, separate I/O	Mouse, rat	228 × 108	6 mm	Barbed, 6 mm
Rabbit and cat, separate I/O	Rabbit, cat	366 × 266	8 mm	Barbed, 10 mm

MATERIALS REFERENCE

4 MATERIALS

CODE	DESCRIPTION	PROPERTIES	USED IN
PMMA	Cast acrylic, transparent	Light transmission >92%	Chamber body, lid
SS 304	Stainless steel	Corrosion-resistant	Hinges, seal clasps
Silicone	Seal strip	Compression gasket	Lid closure
Brass	Nickel-plated fitting	Barbed gas port	Inlet / outlet ports

Cross-reference. Internal floor dimensions are approximate, derived from external dimensions and wall thickness. Confirm chamber fit, gas-fitting compatibility, and scavenging before ordering. Sterilization guidance reflects cast-acrylic compatibility — do not autoclave.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COM

OPERATING	STORAGE
TEMPERATURE 15–30 °C ambient	TEMPERATURE 5–40 °C
HUMIDITY 20–80% RH, non-condensing	HUMIDITY <80% RH
PRESSURE Ambient, low-flow gas	ORIENTATION Flat, lid closed

STERILIZATION & CLEANING	
AUTOCLAVE No — crazes PMMA	ETO Compatible (validate)
GAMMA No — yellows PMMA	WIPE Mild detergent, 70% IPA wipe
AVOID Acetone, aromatic / chlorinated solvents	

ANIMAL COMPATIBILITY BY SPECIES

SPECIES	BODY WEIGHT	CHAMBER FIT
Mouse	15–40 g	150 / 240 mm chambers
Rat	150–500 g	240 mm chamber
Rabbit	2–5 kg	380 mm chamber
Cat	3–6 kg	380 / 500 mm chambers

NOTES USE & S

- Research use only — not a medical device
- Pair with vaporizer, flowmeter, scaveng
- Use under approved IACUC protocol
- Waste-gas scaveng required

PMMA
COAXIAL / SEPARATE I/O
WIPE-CLEAN

RESEARCH USE ONLY

Specifications verified against current published product data. **Verified May 2026 · Since May 2026.**

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