



CARFIL QUALITY
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Induction Box



Features

The UNO Induction Box combined with the UNO Gas Exhaust Unit can be used for inducing inhalation anesthesia with rats and mice. (An anesthetic gas mixture from a flowmeter/vaporizer should be available.)

The Induction Chamber is made in 10 mm thick acrylic with an inlet hose connector at bottom level and at the opposite side an outlet $\varnothing 23$ mm (at the level of the lid).

The special designed lid can be opened by vertical sliding the lid off of the induction chamber. When the induction chamber is connected to the UNO Gas Exhaust Unit and the lid is closed, very little

air (anesthetic gas mixture) is being exhausted from the Induction Chamber because of a relativ high internal resistance for the ventilator of the UNO Gas Exhaust Unit. Therefore the animal is optimally exposed to the anesthetic gas mixture. The lid closes the Induction chamber very well but not 100% airtight!

As soon as the animal is anesthetized, the lid of the induction chamber can be slightly slid open. By sliding the lid only a little bit open (± 1 cm), the internal resistance from the exhaust ventilator is reduced and the UNO Gas Exhaust Unit is immediately exhausting at maximum capacity, thus pre-venting the anesthetic gas mixture to escape from the induction chamber into the room/working area.

The induction chamber is thus rapidly emptied from the anesthetic gas mixture and the lid can slid open to get the anesthetized animal (mouse or rat) out.

Finally it can be mentioned that the UNO Gas Exhaust Unit can also be connected to an Active Charcoal Filter (for absorbing the isoflurane) or to an appropriate "in-house" exhaust system.



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Ordering number

Ordering number	Product	Internal Dimensions (L x W x H)	External Dimensions	Connection supply hose	Connection Exhaust hose
180000232	Induction box for mouse	150 x 900 x 70 mm	170 x 120 x 95 mm	Ø 5,4 mm	Ø 23 mm
180000233	Induction box for rat	205 x 130 x 90 mm	270 x 150 x 115 mm	Ø 5,4 mm	Ø 23 mm
on request	Induction box for rabbit	410 x 205 x 268 mm	430 x 225 x 293 mm	Ø 5,4 mm	Ø 23 mm



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