



CARFIL QUALITY
YOUR SUPPLIER FOR ALL LABORATORY NEEDS

Univentor 410



Features

A complete anaesthetic system with a built in vaporiser and flow meter.

- Designed for small rodents
- Precise control of anaesthetic and air
- Minimised anaesthetic consumption
- Air flow from 50 ml/min up to 999 ml/min
- Connects to mask, anaesthetic chamber or ventilator
- pre-calibrated for isoflurane
- Very small foot print and no fixed installation
- User, animal and environment friendly
- Easy to use with safety features
- An audible alarm as end of syringe approaches
- The pusher reverses automatically when syringe is empty
- The syringe clamp is spring loaded (easier and faster to fit and remove)
- The perspex makes it possible to see the liquids entering the system

The Univentor 410 Anaesthesia Unit is designed to control the mixture of liquid anaesthetic and air with the precision required to successfully operate on animals weight from 20-500 grams.

The Univentor 410 is designed to operate with compressed air **reduced to not more than 1 bar** whereas the Univentor 410-Q has been adapted to work with a pulse-free airpump. Air and anaesthetic is mixed in the vaporizer according to the setting and may be delivered into an anaesthetised box, through a mask or to a ventilator. Even though pre-calibrated for Isoflurane, other anaesthetics may be used taking the various properties into consideration that the unit is calibrated for Isoflurane.

Specifications

Dimensions	120 (W) x 285 (L) x 95 (H) mm
Weight	1,8 kg



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Power supply	110-240V, AC 50-60Hz, Battery 12V, 400mA	
Drive motor	Pulse free DC Motor with variable speed setting	
Fast feed	Pusher movements of 45 mm/min	
Pusher Movement tolerance	+/- 0,1 mm of +/- 1% of totale distance	
Max. pusher force	100 N	
Concentration tolerance	+/- 0,15% if displayed value	
Syringes	1 glass, gas-tight 10 ml-syringe with 60 mm stroke	
Display	2 x 16 characters	
Safety features	Audible alarm and red LED	
Min. liquid flow rate	0,4 ml/u	
Max. liquid flow rate	10 ml/u	
Min. air flow rate	50 ml/min	
Max. air flow rate	999 ml/min	
	Univentor 410 - Q	Univentor 410
Min. air pressure	0,3 bar	0,5 bar
Max. air pressure	0,5 bar	1,0 bar



Ordering number

Ordering number	Product
180000211 Q	Univentor 410-Q
180000211	Univentor 410
180000011-S	Vervangglas voor spuiten
180000082	Pulsvrije luchtpomp
180000080	Hydrofobic filter



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