



CARFIL QUALITY
YOUR SUPPLIER FOR ALL LABORATORY NEEDS

UNO 300VAP



Features

The UNO300VAP has been developed specially for the animal research market and has better accuracy for use with small laboratory animals like mouse, rat etc.

The UNO300VAP is calibrated at 22°C +/- 1°C using an air carrier gas at a flow of 1 litres/minute. The variation in output with temperature, flow rate and duration of use, is small, and the variation of output when used with intermittent Positive Pressure Ventilation is negligible.

The output of the vaporiser is affected by barometric pressure, and it may be necessary to use a correction factor when analysing the output, especially at high altitudes > 1500 metre. The barometric pressure is normally not of clinical significance.

- **Liquid Capacity**

Amount of anaesthetic agent to fully charge the vaporiser from empty is 340ml (dry wick) and 300ml (moist wick). Amount at min.level (lower) is 80ml

- **Flow rate**

The UNO 300VAP is compatible with Gas Flow of 0,2 to 15 litres/minute. Flow outside this range may affect the performance.

- **Temperature range**

The UNO 300VAP is designed to operate at temperatures between 10°C and 40°C.

The UNO 300VAP storage temperature range is -20°C and +60°C.

Note: The UNO 300VAP packaging must be protected from condensation

- **Performance**

The UNO300VAP is calibrated at 1 Litres/min with Oxygen.



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Beyntellus 3 - B-2360 Oud-Turnhout - Tel. +32 (0)14 45 13 10 - admin@carfil.be - BTW BE 0420.681.872

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Technical Specification

Concentration Range:	Isoflurane/Enflurane: 0 ~ 5%, Sevoflurane: 08%
Mounting Type:	Cagemount (ISO 23mm tapers) of Selectatec
Filler Type:	Quick-fill
Temperature range:	+ 10°C - 40°C during operations - 20°C - +60°C during stockage
Flow:	0,2 - 15L/Min during operations

Accuracy range of concentration		
Operational environment	concentration value <6%	concentration value ≥ 6%
0.2 - 10L/min & 10°C -40°C	+30% or -20% from setting or +7,5% or -5% maximum setting whichever is greater	
10-15L/min	+30% or -20% from setting or +7,5% or -5% maximum setting whichever is greater	N/A

Easy-fill system

This new and accurate vaporiser has for all models, the Easy-fill system for your safety!

This system has the advantage that both the Easy-fill bottle adaptor and the filling socket of the vaporiser have a shut off valve.

By pushing the Easy-fill adaptor into the filler socket of the vaporiser, both valves open and only then the Isoflurane (or...) can flow into the reservoir of the vaporiser. A more SAFE system is currently not available.



Ordering number

Ordering number	Product
180000304	Isoflurane vaporizer - UNO300VAP
180000303	Isoflurane vaporizer - UNO300VAP Selectatec
180000305	Sevoflurane vaporizer - UNO300VAP



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180000307	Sevoflurane vaporizer - UNO300VAP Selectatec
180000313	Compatibility Block / selectatec Backbar
180000323	Easy fill adaptor
180000005	ISO connector 23 mm



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