

# S/5™ Anesthesia Delivery Unit Aladin™ Cassette



## Features

### Aladin Cassette

- Designed to deliver enflurane, isoflurane, halothane, sevoflurane and desflurane anesthetic agents
- Three filling options: key fill for halothane, enflurane and isoflurane; Quik Fil™ or key fill for sevoflurane; and Saf-T-Fil™ for desflurane
- Virtually maintenance free

### S/5 Anesthesia Delivery Unit

- Electronic control provides agent setting data for anesthesia recordkeeping and automatic agent usage calculation
- O<sub>2</sub>/N<sub>2</sub>O/AA ratio control helps prevent hypoxic fresh gas mixtures—minimum 25% O<sub>2</sub> concentration
- Provides fresh gas flow and concentration compensations
- Vaporizer self check and diagnostics

\* Quik-Fil is the registered trademark of Abbott Laboratories and currently not available in the United States.

## Physical specifications

Dimensions	
Height:	70 mm/2.8 in
Depth:	230 mm/9 in
Width:	140 mm/5.5 in
Empty weight:	
enflurane, isoflurane, sevoflurane:	2 kg/4.4 lbs
halothane:	2.5 kg/5.5 lbs
sevoflurane Quik-Fil:	2.5 kg/5.5 lbs
desflurane:	3 kg/6.6 lbs

Cassette handling	
No restriction for tilting during storage or handling.	

Agent capacity	
Total:	250 mL
When cassette indicator shows empty:	150 mL (100 mL residual volume)

## Environmental specifications

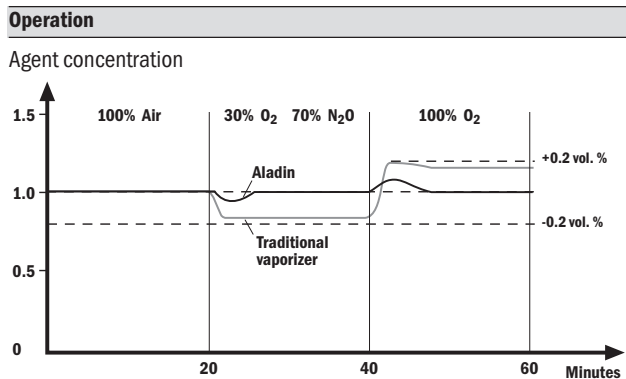
Filling	
Overfilling protection:	Overfilling prevention system built into the cassettes
Filling system:	Keyed adapter filling for halothane, enflurane, isoflurane and sevoflurane. Saf-T-Fil bottle filling for desflurane. Quik Fil for sevoflurane.

Temperature	
Operating range:	10° to 35°C/50° to 95°F
Storage range:	-10° to 60°C/14° to 140°F

## S/5 ADU Electronic specifications

Accuracy	
All agents in typical operating conditions. Fresh gas flow range 0.2 to 8 L/min. Ambient temperature 18° to 25°C/64.4° to 77°F.	
Sea level ambient pressure:	
cassette 5%	±0.15% v/v or ±10% (whichever is greater)
cassette 8%	±0.25% v/v or ±10% (whichever is greater)
cassette 18%	±0.55% v/v or ±10% (whichever is greater)
In other operating conditions:	
cassette 5%	±0.25% v/v or ±20% (whichever is greater)
cassette 8%	±0.40% v/v or ±20% (whichever is greater)
cassette 18%	±0.90% v/v or ±20% (whichever is greater)

Agent setting ranges	
Halothane, enflurane, isoflurane:	OFF, 0.1 to 5% in fresh gas flow, resolution 0.1%
Sevoflurane:	OFF, 0.1 to 8% in fresh gas flow, resolution 0.1%
Desflurane:	OFF, 0.5 to 18% in fresh gas flow, resolution 0.5%
Minimum fresh gas flow for agent delivery:	0.2 L/min will allow agent delivery; 0.15 L/min will shut off the agent delivery



\* Unlike conventional vaporizers, the Aladin Cassette is able to take into account the fresh gas flow concentrations due to the S/5 ADU's integrated electronic fresh gas flow measurement.



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