

circuitGuard™ (circuit protection system)

Unitized Construction Makes the Difference

The three main components of circuitGuard™ are manufactured as one unit using our exclusive sure-fit system. No glue or welding is needed, minimizing construction failure points.



Filter or Filter HME with Elbow

PRODUCT FEATURES

Cross Contamination Protection

With circuitGuard™ at the proximal airway, bacteria and viruses have to travel through one filter into the circuit and then traverse back through a SECOND filter (on the next patient) in order for cross contamination to occur.

100% Compliance

With the gas sampling port only on the circuitGuard™, and not on the circuit. This leads to 100% compliance by anesthesia provider.

Bi-directional Filtration

The filter media used in the circuitGuard™ is the most commonly used media in anesthesia today. It protects against contamination of the anesthesia circuit as well as protecting the patient from any contaminated anesthesia equipment.

Low Profile

The small size and low profile are excellent for pediatric and adult patients. (>100ml V_T)

Cost Effective

circuitGuard™ reduces expense by eliminating other HMEs and filters in the circuit. Red bag waste is reduced by 83%. All that is necessary to start a case is circuitGuard™ and mask thereby reducing O.R. turnover times. Inventory space is reduced by 75%.

Easy to Use

Place the circuitGuard™ at the wye and add a mask and anesthesia is ready to start!

Configurations

circuitGuard™ Products are available in filter or filter/HME styles. High quality air cushion anesthesia masks may be packaged with any circuitGuard™ product.

SPECIFICATIONS

ADULT and PEDIATRIC PATIENTS	Humidity Returned ¹ mg H ₂ O / L air (10L V _E)	Resistance Dry/Wet @ 30 LPM in cm/H ₂ O	Dead Space ml	Tidal Volume Adult to Ped ml	Weight gms	Housing	Bact / Viral Efficiency in %	TB Filtration Efficiency in %
circuitGuard™ HME	30.2	1.2/1.2	30	100-1200	14	Clear	>99.9%	99.998%
circuitGuard™	N/A	0.8/0.8	30	100-1200	14	Clear	>99.9%	99.998%

All clinical and bench testing performed by independent, third party evaluators. ¹ISO 9360 test procedure

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Caution: federal law restricts this device to sale by or on order of a physician.

circuitGuard™

1) Data on file