



# 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<sub>T</sub>)

### 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 <sup>1</sup> mg H <sub>2</sub> O / L air (10L V <sub>E</sub> )	Resistance Dry/Wet @ 30 LPM in cm/H <sub>2</sub> 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. <sup>1</sup>ISO 9360 test procedure

## ARC Medical, Inc. Anesthesia / Respiratory Care

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

circuitGuard™

1) Data on file