

# KingMask

anesthesia breathing mask



Performance. Comfort. Leak-proof Seal.

The innovative King Mask offers many unique features that make it more comfortable and preferable to clinicians and patients alike.

## Performance.

- Designed with the clinician and patient in mind.

## Comfort.

- Inflatable cushion and rounded edges offer optimal comfort.
- Round design and six sizes fit nearly every patient.
- Fresh Scent™ masks provide natural mint oil scent to relax patients.
- Pediatric Sweet Dreams™ masks are available in strawberry, cherry, and bubble gum to reduce anxiety in children before surgery.

## Leak-proof Seal.

- Supple cushion surface delivers a full-face seal with minimal pressure.

# KingMask

anesthesia breathing mask

## Original Face Mask

Product Description	Product #	Case Qty.
Large Adult, Size 6	1065	50
Medium Adult, Size 5	1055	50
Small Adult/Child, Size 4	1042	20
	1045	50
Toddler, Size 3	1032	20
	1035	50
Infant, Size 2	1022	20
	1025	50
Neonate, Size 1	1012	20
	1015	50
Variety Pack, Sizes 1–4 (5 of each size)	1002	20
Sample Pack, All Sizes (5 of each size)	1003	30
Round Face Mask	1075	50

## Fresh Scent™ Mask

Product Description	Product #	Case Qty.
Large Adult, Size 6	2062	20
	2065	50
Medium Adult, Size 5	2055	50
Small Adult/Child, Size 4	2042	20
	2045	50
Toddler, Size 3	2032	20
	2035	50
Infant, Size 2	2022	20
	2025	50
Neonate, Size 1	2012	20
	2015	50
Round Face Mask	2072	20
	2075	50

## Sweet Dreams™ Mask

Product Description	Product #	Case Qty.
Small Adult/Child, Size 4		
Bubble Gum	1142	20
	1145	50
Strawberry	1242	20
	1245	50
Cherry	1342	20
	1345	50
Toddler, Size 3		
Bubble Gum	1132	20
	1135	50
Strawberry	1232	20
	1235	50
Cherry	1332	20
	1335	50
Infant, Size 2		
Bubble Gum	1122	20
	1125	50
Strawberry	1222	20
	1225	50
Cherry	1322	20
	1325	50
Variety Packs		
10 of each scent; same size		
Size 4	1443	30
Size 3	1433	30
Size 2	1423	30
10 of each size; same scent		
Bubble Gum	1153	30
Strawberry	1253	30
Cherry	1353	30

## ErgoMask®

Product Description	Product #	Case Qty.
Adult ErgoMask	1655	50

## Kingsystems

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 www.Kingsystems.com

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# KingFlex2™

co-axial breathing circuit



Versatile. Shapeable. Dependable.

The first and only expandable single-limb breathing circuit on the market. Its smart design and advanced technology make your circuit choice simple. Its versatility has something for everyone.

## Versatile.

- For use on patients of every size over 3 kg where a circle circuit would typically be used.
- Easy conversion for use in transport and post-op.

## Shapeable.

- Inch-for-inch, among the lightest weight circuits on the market.
- Available in 72" and 108" expanded lengths.
- Expandable single-limb extensions available to increase circuit length.
- 360 degree drapability and solid memory.
- Collapsed-circuit 50-count case pack has small storage space requirements.

## Dependable.

- Single machine-end filter provides separate inspiratory and expiratory HEPA-level filtration of >99.97%\* @ .3 microns.
- Clinically-proven humidification levels achieved through thermal efficiency, without the need for a separate HME.

\*Rounded from >99.9996%.

# KingFlex2™

co-axial breathing circuit

## Options

- Reusable or disposable transport adapters
- 72" flex extension
- Polymer manifold
- Filtered and non-filtered versions
- Gas sampling lines with and without filters and co-extruded
- Sample port elbow
- Bain/Mapelson D arm adapter
- Scented or non-scented face masks (Size 1, 2, 3, 4, 5, 6 and round)
- Breathing bag – regular, textured, latex-free, Rainbow Breathing Bags® or Contour®

## Filter Data

### Viral: MIL test – VFE

Average viral (X174, 0.027 micron size) removal efficiency of >99.9996%

### Bacterial: MIL test – BFE

Average bacterial Staphylococcus Aureus removal efficiency of >99.9999%

### 0.3 Micron: HEPA level challenge

Average >99.97% – PASS

## Testing Data

### Thermal efficiency (°C) in anesthesia only

Temperature was continuously monitored at four positions in the circle system during the test: inspiratory dome valve (I<sub>vent</sub>) and patient inspiratory (I<sub>prox</sub>).

Temperature (Initial)	I <sub>vent</sub>	I <sub>prox</sub>
King Flex2	22.3	23.2
Standard Circle	21.5	23.1

  

Temperature (at 15 min.)	I <sub>vent</sub>	I <sub>prox</sub>
King Flex2	23.6	29.2
Standard Circle	21.6	23.9

### Resistance (cmH<sub>2</sub>O)

Defined as the pressure difference from inlet to outlet of the device per unit of flow.

Flow	0.5 L/sec
King Flex2 (insp.) 24"	0.2
King Flex2 (exp.) 24"	0.8
King Flex2 (insp.) 72"	0.6
King Flex2 (exp.) 72"	1.0
King Flex2 Filter	0.8

### Humidification delivery (at 15 min.) in anesthesia only

Fresh gas flow rate: 2L/min.; tidal volume: 800ml; respiratory rate: 12 breaths/min.

Absolute humidity:	27.1 mg H <sub>2</sub> O/L
Relative humidity:	91% at 29.5°C
Compliance	.60 ml/cmH <sub>2</sub> O/meter
Dead Space with elbow	13 cc's
Dead Space without elbow	6 cc's

Weight	grams/inch
King Flex2	1.71

Test results and filter data on file.  
All testing conducted by independent labs.

## King systems

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www.Kingsystems.com

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