

# Breath Bags

Specifically designed for use with the GastroCH<sub>4</sub>ECK™

The GastroCH<sub>4</sub>ECK™ breath bags have been specifically developed to capture as much end-tidal sample as possible. Breath can also be stored in these bags for up to one month with no loss of concentration, making them ideal for remote testing and analysing later.

One-way breath bag mouthpieces are supplied to ensure no loss of sample and increased infection control.

Breath bags are single patient use only



## Specification

Dimensions	340mm x 100mm
Sample size	450ml

# Online breath sample mouthpieces

Specifically designed for use with the GastroCH<sub>4</sub>ECK™

The GastroCH<sub>4</sub>ECK™ on-line breath sample mouthpieces enable patients to exhale directly into the monitor with instant results. The mouthpiece itself is specifically designed with the latest bacterial filtration to remove 99.9% of airborne bacteria and any moisture from the patient's breath.

Mouthpieces are single patient use only



## Specification

Dimensions	64mm x 37mm
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ISO 9001:2008  
Cert No. FM 31664  
ISO 13485:2003  
Cert No. MD 502905

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# Moisture Removal Filter

Specifically designed for use with the GastroCH<sub>4</sub>ECK™

The GastroCH<sub>4</sub>ECK™ breath bag sampling filters remove both moisture and bacteria from the breath sample. This protects the GastroCH<sub>4</sub>ECK™ from moisture damage and contamination, providing excellent infection control.

The filter will gradually change colour from orange when dry to dark green when saturated with water in order to indicate when replacement is required. Unlike some drying materials, Bedfont use only non-carcinogenic drying methods for optimum safety.



## Specification

Moisture content at 145 degrees C:	2.0% maximum
Absorption capacity at 50% relative humidity, 25 degrees C:	23% minimum
<b>Typical Properties:</b>	
Indicator content:	0.2% w/w
Bulk density:	700-800 grams/litre
BET surface area:	>600 m <sup>2</sup> /g
Pore volume:	0.35 - 0.45 ml/g
Average pore diameter:	1.8 - 2.2
Detection agent:	Amorphous silica impregnated with an organic indicator (methyl violet).
<b>Water-Absorption Capacity at 25 degrees C:</b>	
20% r.h	>8% w/w
35% r.h	>12% w/w
50% r.h	>23% w/w
80% r.h	>30% w/w
<b>Colour change:</b>	
Dark Orange	10% w/w absorption
Olive green	15% w/w absorption
Dark green (replace)	20% w/w absorption (this will be approx 150 tests)
<b>Bead size:</b>	
Less than 2 mm	5.0% maximum
Greater than 5 mm	5.0% maximum

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