

DualGuard™



The Innovative Solution for
Patient Safety During Endoscopy

flexicare
TOTAL QUALITY - TOTAL CARE

The Challenge

Many patients become significantly hypoxic during gastrointestinal endoscopic procedures.¹ Following induced sedation during endoscopy, oxygen saturation falls moderately in most patients and quite profoundly in some patients to dangerously low levels. Hypoxia or hypercapnia may follow. Supplemental oxygenation during endoscopy has exerted by far the greatest impact on the reduction of the incidence of hypoxia in gastrointestinal endoscopy.²

The Requirement

According to American Society of Anesthesiologists' (ASA) guidelines, during moderate or deep sedation the adequacy of ventilation shall be evaluated by continual observation of qualitative clinical signs and monitoring for the presence of exhaled carbon dioxide.³

The New Standard

The innovative DualGuard sets a new standard in endoscopic practices; it incorporates an endoscopy bite block with oxygen delivery and CO₂ monitoring for use in upper endoscopy procedures through to recovery.

To protect the patient, it is imperative to deliver oxygen and monitor CO₂ simultaneously

ASA guidelines require CO₂ monitoring for patient safety

The Ultimate Endoscopy Solution

Delivers O₂ and monitors CO₂ from both the mouth and nose simultaneously.

Protection for Patient and Equipment

The Comfort Rest Bite Block fits securely and comfortably in the mouth, protecting both the patient's teeth and endoscopy equipment.

All-In-One Kit

DualGuard incorporates: a Comfort Rest Bite Block, Detachable Dual Nasal Cannula, LuerSafe Oral Monitoring Line, 10ft O₂ Tubing, and Adjustable Head Strap in one complete kit.

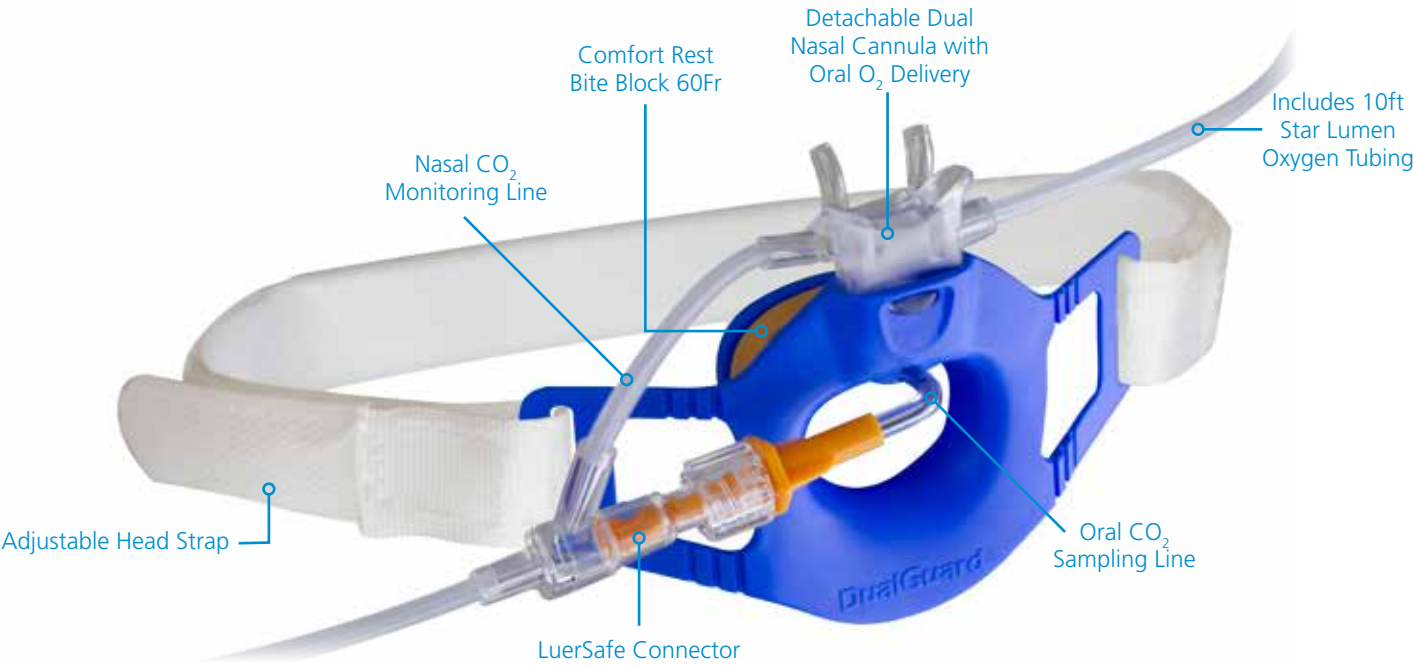
Care from Procedure to Recovery

Detachable Dual Nasal Cannula continues to deliver O₂ and monitor CO₂ post-procedure in recovery without the need for additional devices. The Detachable Dual Nasal Cannula can also be used for pre-procedure oxygenation.

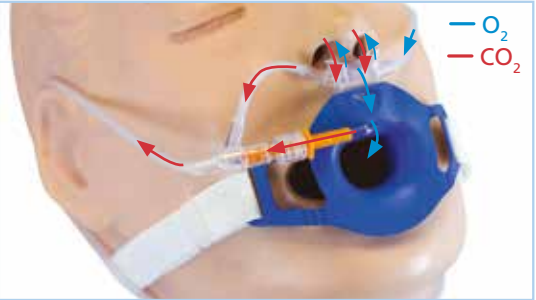
Enables Clinical & Regulatory Compliance

DualGuard provides reliable O₂ delivery and CO₂ sampling, improving patient safety while fulfilling regulatory guidelines.

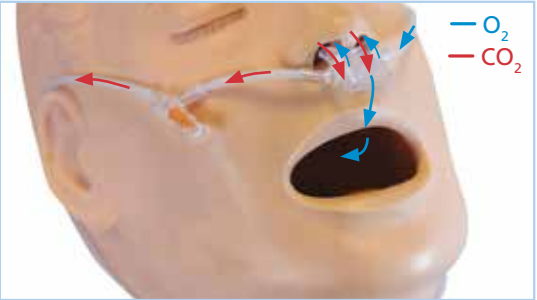
Patient Safety During Endoscopy



- Continuous oxygen delivery and CO₂ monitoring during and post-procedure without the need to use another device.
- Superior waveforms and reliable sampling for oral and/or nasal breathers even with sinus congestion or a deviated septum.
- Flexicare's unique cap-less self-sealing LuerSafe port only accepts the corresponding color-coded LuerSafe monitoring line to open the valve and provide oral CO₂ sampling.



Stage 1 During Endoscopy with Oral and Nasal O₂ Delivery and CO₂ Monitoring



Stage 2 Post-Procedure and in Recovery with Continuous O₂ Delivery and CO₂ Monitoring

032-10-850U	DualGuard Adult 10ft Line with Female Luer Lock	25
032-10-855U	DualGuard Adult 10ft Line with Male Luer Lock	25
032-10-860U	DualGuard Adult 10ft Line with Female Luer Lock Filter	25
032-10-865U	DualGuard Adult 10ft Line with Male Luer Lock Filter	25
032-10-868U	DualGuard Adult 10ft Line with Slip Luer Filter	25

EasyGuard

Features the Comfort Rest Bite Block 60 Fr with an adjustable strap, offering superior patient comfort while maintaining accessibility for endoscopic procedures.

032-10-800U	EasyGuard	25
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¹ Whorell PJ, Smith CI, Fosteer KJ: Arterial blood gas tensions during upper gastrointestinal endoscopy, Gut 1976;17: 797-800
² T.J.Borody : Methods of Oxygen Delivery During Upper Gastrointestinal Endoscopy, Endoscopy 1994: 26: 320-321
³ American Society of Anesthesiologists. Standards for Basic Anesthetic Monitoring. 2011.

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Patented

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