

# eAdvantage<sup>®</sup>

Analgesic Gas Mixing and Delivery System



Your standards for efficiency, precision and reliability have just been updated.



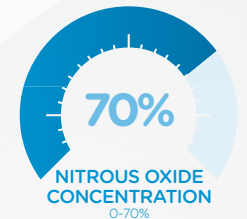
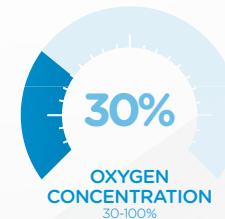
**eAdvantage**<sup>®</sup>  
Analgesic Gas Mixing and Delivery System

The O-Two™ eAdvantage® mixer is groundbreaking. Its ability to deliver the precise amount of gas required for the patient, without any waste or environmental hazards, is unmatched by any other analgesia device on the market. The demand for gas flow is regulated by the spontaneous breath of the patient, thereby preventing any unnecessary gas waste.



## Data Management

The data logging and transfer capability (via the USB sync port) increases productivity and information sharing, resulting in less downtime for the healthcare provider and improved care for the patient.



## Nitrous oxide and Oxygen concentration

Variable gas concentration provides for effective titration to patient analgesia requirements.

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## Specifically designed for pain relief during emergencies, childbirth or painful procedures.

Designed for in-hospital use (ER, Labor and Delivery, Clinics etc.), the new eAdvantage® provides a variable mixture of nitrous oxide and oxygen, on demand, to a conscious, spontaneously breathing patient for the relief of pain due to childbirth, trauma or other conditions where inhalation analgesia is clinically specified. It only requires the attachment to pressure regulated medical oxygen and nitrous oxide gas supplies (wall outlet or cylinders), electrical supply or battery, and the attachment of a patient circuit with mouth piece or facemask and scavenging hose to be ready for use.

Simple controls and abundant safety features make this the ideal device for the accurate delivery of titratable analgesia during labor, trauma, or painful procedures.



### GAS OUTPUT & MONITORING PORT

Patient output port for mixed gases. Monitoring port allows precise and sensitive monitoring.

### POWER CHARGER CONNECTOR

Medical grade connector with safety lock mechanism.



### OXYGEN & NITROUS OXIDE INPUTS

The non-interchangeable swivel input connections rotate to easily adjust to your needs. Input pressure range from 50 up to 70 PSI.

Gas Source	Compressed Oxygen + Nitrous Oxide
Circuit Control Source	Electronic
Pneumatic circuit Gas consumption (L/min)	0.00
Maximum Flow Rate (L/min)	>260 combined or 160 from oxygen input only
Oxygen concentration (O <sub>2</sub> %)	30-100 % continuous adjustment with 5% incremental changes
Trigger sensitivity (cm H <sub>2</sub> O)	~ -1.0 (non-adjustable)
Input Pressure range (PSI)	50-70
Inhalation resistance (cm H <sub>2</sub> O)	0 to -6
Exhalation resistance (cm H <sub>2</sub> O)	0 to 6
Purge Flow rate (L/min)	40 (Oxygen)
Operating temperature (°C)	5 to 40
Relative humidity	15% to 95%
Storage temperature (°C)	-20 to 60
Device emergency shut off	Below 20 PSI O <sub>2</sub> input   Below 25% O <sub>2</sub> output w/ 3 consecutive breaths or below 21% O <sub>2</sub> output immediately   Sensors and/or valve failure
Battery	Li-Ion (01CV9200)   Operating time 15-24 hrs
A/C power adapter	100-250V / 4.74A
Display	4.3" Color TFT
Data Storage and Transfer	Yes
USB	Yes (for Data Transfer & Software Update)

Live Monitoring	Alarms and setting only
Parameter Settings	Control Knob
Lock Key Function	Yes w/ passcode
Dimensions (mm)	305 x 210 x 130
Weight With & W/O Battery (KG)	2.80 & 2.20

## Alarms (Visual And Audible)

High , Low Or No Input Gas Supply Pressure  
 Low Battery  
 Out Of Tolerance Gas Mixture  
 Device Malfunction

Valves Leak  
 Return For Service  
 Audible Alarm Frequency  
 Audible Silence

## Ordering information

<b>01EQ3000</b>	eAdvantage® Adjustable Analgesic Gas Mixing and Delivery System with Supply Hoses (c/w DISS O <sub>2</sub> and N <sub>2</sub> O), Single-Use Patient Circuit with Scavenger Hose and Adapter with Mouthpiece	Each
<b>01CV8037-CS</b>	Single-Use Patient Circuit with Scavenger Hose, monitoring line and Adapter with Mouthpiece	Case/10
<b>02RT1303</b>	Disposable Mouthpiece (Individually Wrapped)	Case/50
<b>02FM4999-CS</b>	O-Two universal mask	Case/12
<b>01EA6004</b>	eAdvantage Cart with 4 cylinder holders	Each

THIS PRODUCT HAS A TWO YEAR WARRANTY AGAINST MANUFACTURER DEFECTS.



[www.otwo.com](http://www.otwo.com)

45A Armthorpe Road, Brampton, ON, Canada, L6T 5M4

Telephone: +1 905 792-OTWO (6896) N.A. Toll Free: +1 800 387 3405

Facsimile: +1 905 799 1339 Email: [resuscitation@otwo.com](mailto:resuscitation@otwo.com)



MedNet EC-REP IIb GmbH Borkstrasse, 10  
48163 Münster, Alemania

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