

# I-CO<sub>2</sub>N<sub>2</sub>IC

## High Performance Gas Mixing System



The I-CO<sub>2</sub>N<sub>2</sub>IC gas mixing system from Baker Ruskinn provides unparalleled control over oxygen levels inside InvivO<sub>2</sub>, Bugbox M and Concept 400 M workstations. Its simple touchscreen controls simplify the calibration process, provide rapid equalization and facilitate easy data downloads. Additionally, I-CO<sub>2</sub>N<sub>2</sub>IC uses up to 40% less nitrogen over the previous gas mixing technology and saves bench space, making it even more economical and flexible for your laboratory. I-CO<sub>2</sub>N<sub>2</sub>IC is available in two configurations:

- **Single Mode (Hypoxic):** I-CO<sub>2</sub>N<sub>2</sub>IC with hypoxic mode only comes standard on all new InvivO<sub>2</sub>, Bugbox M and Concept 400 M workstations, and is available as a retrofit.
- **Dual Mode (Hypoxic and Anoxic):** For greater flexibility, I-CO<sub>2</sub>N<sub>2</sub>IC is available with dual hypoxic and anoxic modes, both for new units and as a retrofit. Upgrades from Single Mode to Dual Mode are also available.

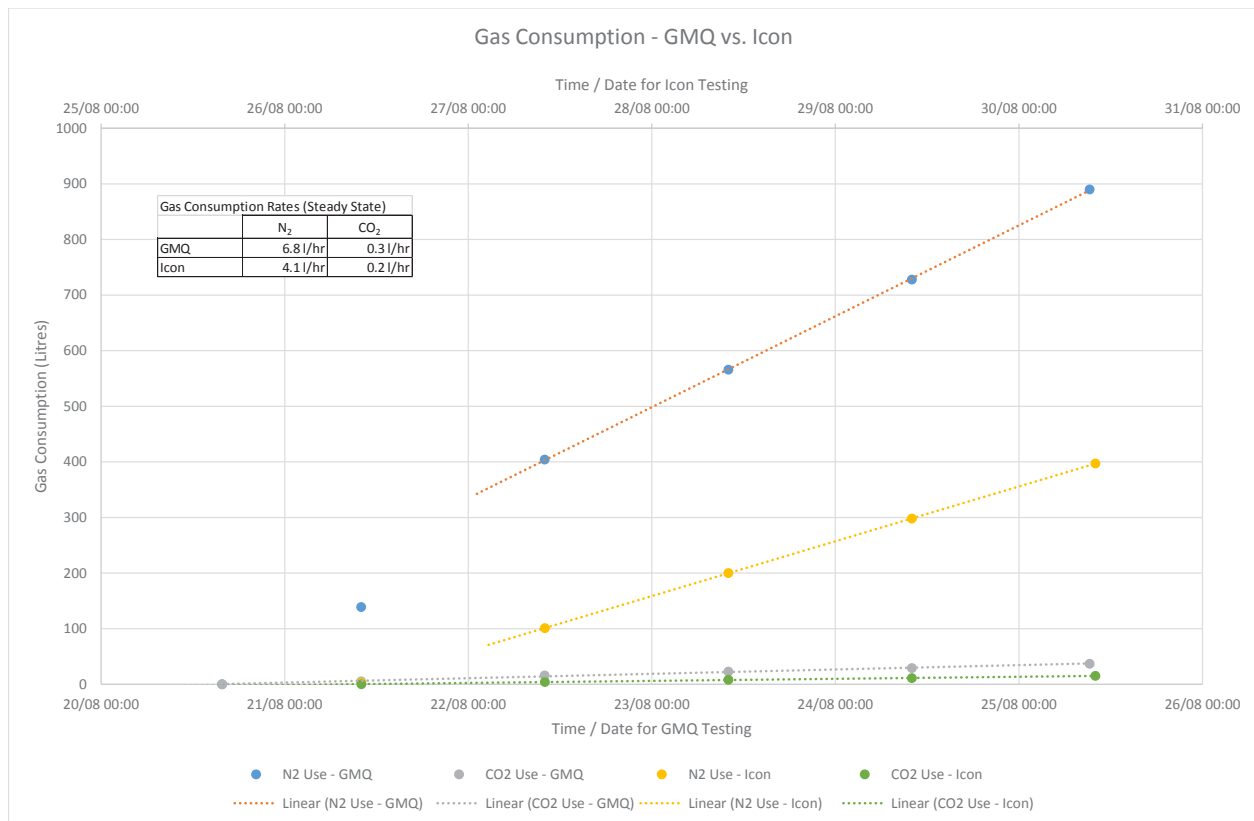
**For more information, please contact your Baker Ruskinn  
representative or call 1.888.433.7777**

## Control Specifications

- Controls O<sub>2</sub> from 0.0% to 20.9% in 0.1% increments
- Controls CO<sub>2</sub> from 0.0% to 30% in 0.1% increments
- Automatically calibrates O<sub>2</sub> sensor through screen control
- Allows hypoxic cycling, facilitating up to four different O<sub>2</sub> and CO<sub>2</sub> concentrations through a user-defined sequence of time

## Ordering Information

- **ICONIC-001** Single mode (hypoxia) configuration is a standard accessory with new InvivoO<sub>2</sub>, Bugbox M and Concept 400 M workstations
- **ICONIC-002** Dual mode (hypoxia and anoxia) configuration for new InvivoO<sub>2</sub>, Bugbox M and Concept 400 M workstations
- **ICONIC-001R** Single mode (hypoxia) retrofit kit
- **ICONIC-002R** Dual mode (hypoxia and anoxia) retrofit kit
- **IC-ANOX** Anoxic field upgrade kit for converting single model to dual mode



**I-CO<sub>2</sub>N<sub>2</sub>IC Gas Consumption Test.** The results of a steady-state test (InvivoO<sub>2</sub> 400 set to 0.1% O<sub>2</sub> and 0.5% CO<sub>2</sub>). I-CO<sub>2</sub>N<sub>2</sub>IC used 296 L of N<sub>2</sub> over the test period, a reduction of 40% over the previous technology.

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