

Features → Benefits

Control O₂ from 0.0% - 20.9% AND



Fine control for pH adjustment - Appropriate for hypercapnia investigations

Control CO₂ from 0.0% - 30.0%

Actual O₂ and CO₂ values displayed to two decimal places



Improved accuracy

One touch oxygen sensor calibration through touch screen control



Simplifies calibration process - User no longer has to handle the sensor

Communications Port for downloading date, time, O₂% and CO₂% values to a PC or memory stick



Great for recording important events and for diagnostics

Programming for up to 4 different O₂ and CO₂ concentrations over time



Ideal for conditioning, profiling episodic hypoxia and chronic hypoxia studies

Touch screen control



Ease of use

Very rapid chamber equilibration to set-point



Important for various investigations when rapid atmosphere changes are required

ABOUT RUSKINN TECHNOLOGY

The Ruskinn brand was founded in 1993 and rapidly became established as one of the world's leading suppliers and manufacturers of anaerobic and modified atmosphere workstations. In 2006, the independent Ruskinn Group of companies - Ruskinn Technology Limited and Ruskinn Life Sciences Limited - was formed after a short transition period as part of Biotrace International plc.

Located in Ruskinn's purpose built area of Sony Technology Centre, Pencoed plant in South Wales, Ruskinn is one of an elite group of UK medical companies offered the opportunity to share the benefits of Sony's renowned production know-how and infrastructure. With direct sales in the UK, USA and Nordic Region, Ruskinn products are available globally through a network of carefully selected distribution partners.

For more information contact:

Ruskinn Technology Ltd
Suite 3, Technium Digital
Sony Technology Centre
Pencoed
Bridgend
South Wales, UK
CF35 5HZ
Tel: + 44 (0) 1656 868 540
Fax: + 44 (0) 1656 868 541
sales@ruskinn.com
www.ruskinn.com



GAS MIXER Q: Advanced Gas Mixing System

Why You Should Consider Upgrading to The New Gas Mixer Q



What can the new Q do that the old gas mixer won't do?

	New Q	Old Mixer
Controls O ₂ from 0.0% to 20.9%	Yes	Yes
Controls CO ₂ from 0.0% to 30.0%	Yes	No
Displays actual O ₂ and CO ₂ values to two decimal places for improved accuracy	Yes	No
Automatically calibrates O ₂ sensor through touch screen control	Yes	No
Records date, time, O ₂ % and CO ₂ % values for download to memory stick / PC	Yes	No
Allows hypoxic cycling, facilitating up to 4 different O ₂ and CO ₂ concentrations through a user input sequence of time	Yes	No
Provides touch screen control	Yes	No
Features very rapid pull-down times	Yes	No



GAS MIXER Q: Advanced Gas Mixing System

- O₂ control from 0.0% to 20.9%
- CO₂ control from 0.0% to 30.0%
- Actual O₂ and CO₂ values are displayed to 2 decimal places for even better accuracy
- Visual Alarms allowing users to be alerted quickly
- Can run under anoxic conditions
- O₂ sensor can be calibrated at any time by single touchscreen command, even while chamber is in use
- Communications port to download date, time, O₂% and CO₂% values to PC/memory stick
- Hypoxic Cycling allows a timed sequence of 4 different O₂ and CO₂ concentrations for more complex experiments
- Touch Screen to facilitate user interface
- New Gas Mixer retrofit kit allows current INVIVO₂, BugBox M, and Concept 400 M users access to new gas control system at minimal expense