

THE BEST

**BAKER** RUSKINN

TOOLS

FOR THE JOB

**RAPID OXYGEN CONTROL CHAMBERS**

ENVIRONMENTS AS NATURE INTENDED FOR ANIMAL STUDIES

**VELO<sub>2</sub>x**



**VELO<sub>2</sub>x Application**

For research requiring rapid changes in O<sub>2</sub>.

Relevant research applications include, but are not limited to:

- Apnea
- Ocular Angiogenesis
- Atherosclerosis
- Ischemia
- Recreational Hypoxia (Athletic conditioning)
- Occupational Hypoxia (altitude sickness, airline, observatory astronomers, mining, etc.)

**IDEAL FOR:**

- Fast O<sub>2</sub> transition studies, such as Chronic Intermittent Hypoxia in Animals



**VELO<sub>2</sub>X 31L ANIMAL MODELING CHAMBER**



**VELO<sub>2</sub>X 66L ANIMAL MODELING CHAMBER**

**VELO<sub>2</sub>x Key Features & Accessories**

- Accurate O<sub>2</sub> control delivered via Baker Ruskin's ICONIC
- O<sub>2</sub> Control: 0.1% to 23.0%
- Rapid change in O<sub>2</sub> levels:
  - 20.9% to 6% in 50 seconds\*
  - 6% to 20.9% in 40 seconds\*

\* Example given for illustrative purposes

**CONTENTS**

- VelO<sub>2</sub>x Animal Chamber
- ICONIC Gas Mixer

**GAS NEEDED**

- N<sub>2</sub>
- Compressed Air or O<sub>2</sub> in N<sub>2</sub> or O<sub>2</sub> (100%)

Get in touch today to hear how we can work with you.

For U.K. / global inquiries:  
sales@ruskinn.com  
+44 (0) 1656 645988

For U.S. inquiries:  
bakerco@bakerco.com  
+1 (800) 992-2537

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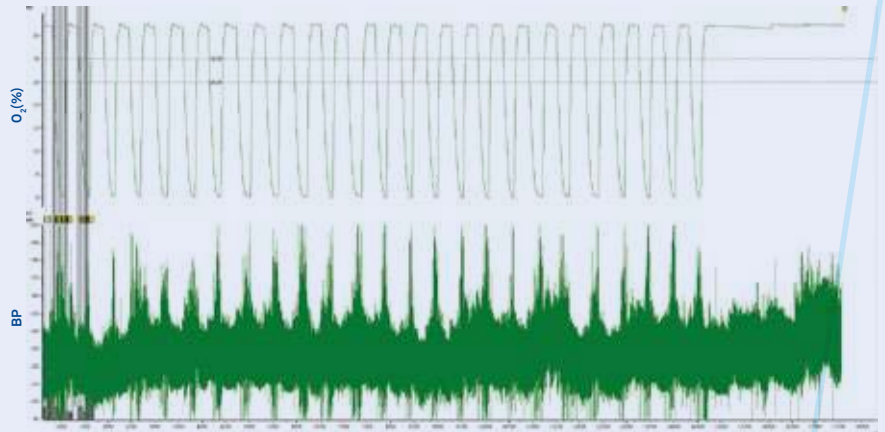
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Baker Ruskinn is a global leader and supplier of anaerobic and precision low oxygen culture systems for microbiology and tissue/cell culture applications.

Its advanced line of anaerobic chambers, physiological cell culture workstations and media conditioning solutions enable superior research results by providing precisely controlled conditions for anoxic and low-oxygen studies.

To learn how Baker Ruskinn products can benefit your research, visit: [www.bakerruskinn.com](http://www.bakerruskinn.com)

BLOOD PRESSURE SPIKES CORRELATE DIRECTLY WITH EXPOSURE TO CHRONIC INTERMITTENT HYPOXIA.



Fast O<sub>2</sub> ramping and fluctuation over 8-10 hours

### VeLO<sub>2</sub>x Specifications

		31L Chamber		66L Chamber	
		mm	inches	mm	inches
Workstation external dimensions	Width	592	23.3	642	25.3
	Height	270	10.6	350	13.8
	Depth	363	14.3	474	18.7
Workstation internal dimensions	Width	460	18.1	510	20.0
	Height	250	9.8	330	13.0
	Depth	232	9.1	423	16.6
Workstation weight	kgs/lbs	20/44 - ESTIMATION		20/44 - ESTIMATION	

Maximum Internal Dimensions shown. Please contact your local sales representative for more information.

Get in touch today to hear how we can work with you.

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