

THE BEST

BAKER RUSKINN

TOOLS

FOR THE JOB

RAPID OXYGEN CONTROL CHAMBERS

ENVIRONMENTS AS NATURE INTENDED FOR ANIMAL STUDIES

VELO₂x



VELO₂x Application

For research requiring rapid changes in O₂.

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 O₂ transition studies, such as Chronic Intermittent Hypoxia in Animals



VELO₂x 31L ANIMAL MODELING CHAMBER



VELO₂x 66L ANIMAL MODELING CHAMBER

VELO₂x Key Features & Accessories

- Accurate O₂ control delivered via Baker Ruskin's ICONIC
- O₂ Control: 0.1% to 23.0%
- Rapid change in O₂ levels:
 - 20.9% to 6% in 50 seconds*
 - 6% to 20.9% in 40 seconds*

* Example given for illustrative purposes

CONTENTS

- VelO₂x Animal Chamber
- ICONIC Gas Mixer

GAS NEEDED

- N₂
- Compressed Air or O₂ in N₂ or O₂ (100%)

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

For U.K. / global inquiries:
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+44 (0) 1656 645988

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

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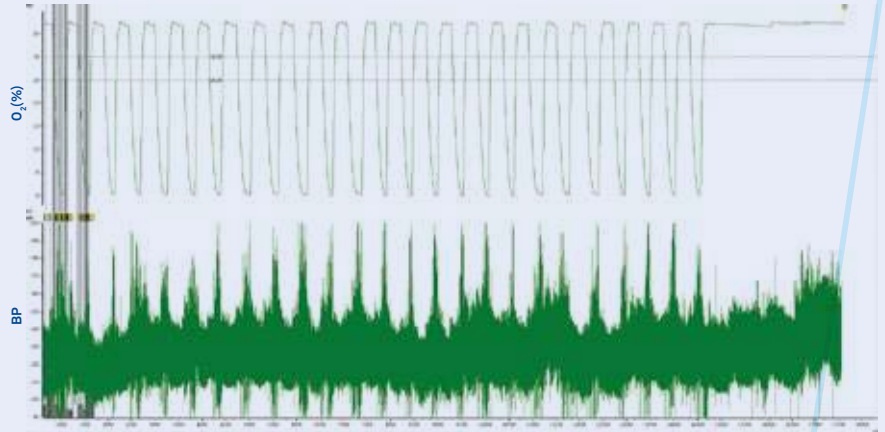
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Baker Ruskinn is a global leader and supplier of anaerobic and precision low oxygen culture systems for microbiology and tissue/cell culture applications.

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

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



Fast O₂ ramping and fluctuation over 8-10 hours

VeLO₂x 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.

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