GO$_2$Altitude®

OnePlus VA

One Hypoxicator
Many possibilities

ISO9001:2015

Special features:

- New breakthrough technology.
- Fully Automatic biofeedback control mode.
- High Oxygen or normal air during rest period.
- Hypoxic Training index (HTi) is automatically calculated.
- Automated hypoxic test for customised training.
- Integrated Heart Rate Variability (HRV) assessment.
- Clinical research ready, loaded with professional software features.
- Single and Multi-person systems with Central Operator Console.

Sports Physiologists | Academic Studies | Wellbeing Clinics & Studios | Clinical Research

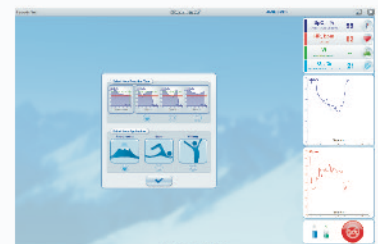# OnePlus VA

One Hypoxicator
Many possibilities

GO₂Altitude®

A sophisticated and mobile solution for Intermittent Hypoxia Training (IHT).

Tests and Features:

- Heart Rate Variability (HRV) assessment
- Breath holding performance assessment
- Hypoxic Test to identify individual response to hypoxia

- Hypoxic Training index (HTi) is automatically calculated
- IHHT allows choice of hyperoxic or ambient air for rest periods
- Pulse oximeter monitors Heart Rate and SpO₂
- Breathing frequency (Vf) measurement
- Simple touch screen user interface via MSoft® Surface
- Individual progress over time is tracked and easily accessed
- Built in entertainment modules (music, video, slideshows)
- Quiet operation, lightweight and mobile
- Small and compact for convenient storage
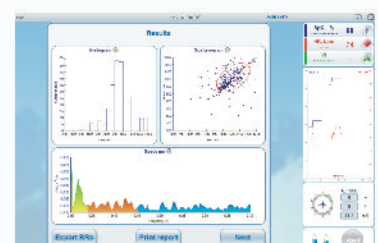- Clinical research-ready

Select an individual training profile
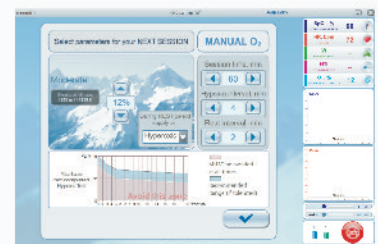
Customise your session parameters

Monitor and record your individual session data

Heart Rate Variability (HRV) assessment

OnePlus VA Hypoxicator

Intermittent Hypoxic Training (IHT) involves repeatedly alternating respiration between hypoxic air and ambient or hyperoxic air.

The OnePlus VA boasts advanced software features and training modes.

Biofeedback controlled mode.
The OnePlus VA hypoxicator automatically adjusts the oxygen concentration to the individual's response to hypoxia during the session. Simply select the training profile to suit your training goals and OnePlus VA will do the rest.

Fixed oxygen mode allows manual selection of the inspired oxygen level to be delivered during the session.

Multi-user system

- Easily converts into a network- based multi-user training system
- 5 or more users can train simultaneously
- Ideal for clinical or academic research
- Stores records of all user's physiological parameters including SpO_2, heart rate and ventilatory frequency in a central database.
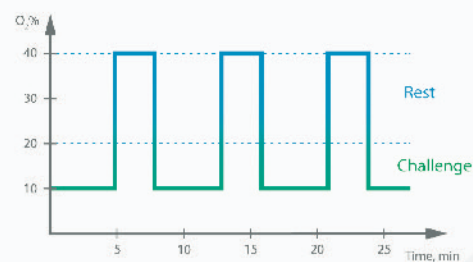
Central Operator Console PC

Central Operator Console

- Controls all training seats remotely
- Monitors individual physiological data instantly
- Wi-Fi communication between Operator and hypoxicator stations
- Access database of previous sessions and printed reports
- Print reports and export data for research

Technical Features

Number of users:	One to Six (multi-user networkable systems)
Mode of operation:	• Fully Automatic biofeedback control (SpO2 Clamping) • Manual Target O_2% (FiO$_2$ Clamping) • HRV monitoring during the hypoxia session • Breath holding performance test
Software supplied:	Latest Windows® touch screen Technology
Connection between Hypoxicator and Tablet PC:	Wireless (Bluetooth) or USB
Central Database (Operator Console PC):	Allows access to all user's physiological data and PDF reports
Size of hypoxicator:	300x280x830mm
Weight:	23 kg
Noise level:	< 42 dBA (quiet operation)
Mains power:	800VA. 220-250V 50Hz or 110V-120V 50/60Hz
Certification:	Manufactured under ISO 9001:2015 QMS. Medical electrical safety and EMC certificates IEC60601
Warranty:	24 Months. System's life expectancy: 7 years
Copyright protection:	Unlimited number of licensed software uses

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Certified to IEC 60601-1 Medical Electrical safety standard

EMC Compliance IEC 60601-1-2:2007 (Certificates available)

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