

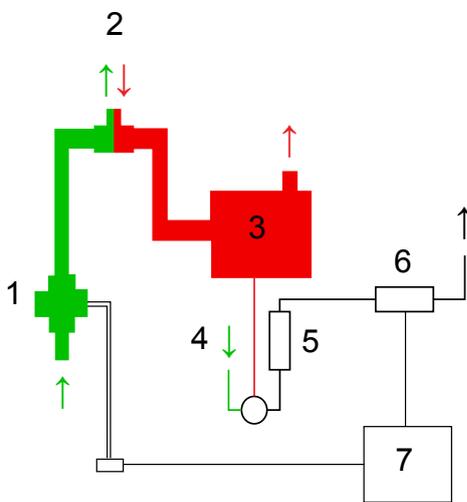
COVOX **bespoke** manufacturing, provides a practical alternative to metabolic carts found in today's market place. Our innovative **multi-functional** respiratory gas analyser allows not only the assessment of cardiovascular fitness, but spirometry as well.

At the heart of the COVOX analyser is an industrial embedded single board computer, running under the Windows Embedded POSReady 2009 operating system - an industrial version of Windows desktop software. Password protection is built in and ensures **confidentially** of client data.

COVOX has been designed specifically to monitor accurately, changes in cardiovascular fitness over prolonged periods.

### Breathing Circuit

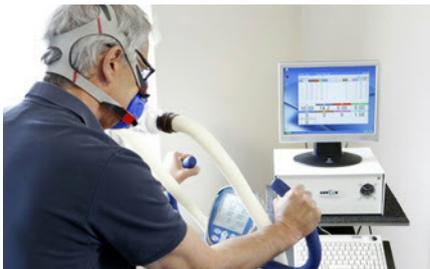
**Maintenance free Mixed Expired Gas Analysis provides excellent repeatability.**



The non re-breathing valve **2** allows air to be inhaled through the pneumotach **1**, and then vented through the mixing chamber **3**. The mixing chamber is sampled and the mixed expired gas presented for analysis **6**.

- 4** Calibration Gas inlet
- 5** Sample Gas Flow Control
- 7** Differential Pressure Transducer

All sensors, embedded computer and mixing chamber are contained in a sturdy aluminium enclosure that provides excellent **protection**. Approximate size 36W 31D 15H (cm) weight 4kg.



### Cardiovascular Fitness Assessment

COVOX is easy to use with very **low** consumable running costs. Apart from cleaning the reusable face mask and breathing valve, daily preventive maintenance is not required.

### Spirometry

The breathing valve is quickly and simply replaced with a short breathing tube connected to a disposable hygroscopic antibacterial filter



As the manufacturer we are able to provide unequalled support with software, hardware and respiratory gas analysis testing protocols.

Complete system available from £5995 with Total Care Support at £79 per month (includes servicing, unlimited telephone support, maintenance and repairs, software and hardware upgrades, all labour costs). Outright purchase excluding total care is also available from £7995. *Prices correct 1st January 2016 and exclude vat.*