

Hello, I'm Clive, the chap on the left. I met the other fellow in Athens, but conversation was difficult. He couldn't speak English.



Croatia

So, something about me. I have more than 30 years' experience in expired gas analysis, including 20 years as a senior technician in the University of Exeter Human Performance Laboratory. There I provided technical support to graduate and postgraduate students, whose dissertations required accurate and reliable cardiovascular measurements. I was particularly interested in metabolic cart design, which was really in its infancy at that time. After 20 years of service, I did some soul searching and decided to resign from a regular salary to set up my own business designing and manufacturing metabolic carts under the trade name COVOX. References to the design and reviews are available for anyone who's interested!

These were sold to university sports science laboratories, the Fire and Rescue Service and the Police Service. Clients included St Andrews University, West Midlands Fire and Rescue Service and Devon and Cornwall Police, to name a few. It was a relatively small-scale business, but it afforded a living and the freedom of being self-employed.

However, I felt it was time to move on again. Today I am following my passion: providing laboratory-quality cardiovascular assessments outside the sports science laboratory. AI-assisted analysis has given me the tools to introduce physiological principles, normative comparisons, and training methodologies derived from established, peer-reviewed sports science literature. I am particularly interested in Breathing Economy—a little-known but highly significant respiratory measurement.

I am pleased to report many years of excellent performance from our COVOX System. Dr Martin Farrally, St Andrews University.

I have found the COVOX to be robust, reliable and user-friendly and I can strongly recommend it for use in student laboratory work. Dr Neil Armstrong, Reader in Exercise Science, Director, P.E.A. Research Centre, University of Exeter

NIFRS need an accurate measurement of cardiovascular fitness to ensure personnel are at the required fitness to be an Operational Firefighter. COVOX testing in our Service is a very accurate way of assessing aerobic fitness and how it can be improved if necessary. May I thank you for your continued technical support and guidance. Damien Cassidy Physical Training Advisor Northern Ireland Fire and Rescue Service. November 2020

I would like to thank you on behalf of West Mercia Constabulary and the NSPCC Marathon Team for the personable and professional way you conducted yourself, and the quality of the information you delivered to the group. We were all very impress by the technology (COVOX Analyser). It has given us food for thought for the future. I am sure it will go a long way to ensuring that we achieve the right result in the marathon. David Thursfield, Deputy Chief Constable, West Mercia Constabulary