

Computerised Surface Test Facility

(CSTF)



KEY FEATURES

The high flow demanded by the CSTF approaches the peak flow requirements at a depth of 50 metres and 62.5 litres per minute ventilation. This, if the regulator can supply sufficient air during the high flow test without exceeding 25mbar of inhale breathing resistance, it is likely to meet the above depth / ventilation demand.

- **Quick - Automatic 12 second test cycle**
- **Meaningful - Printed Test Certificate**
- **Records - Results stored in PC**
- **Database - Regulator / client database**
- **Accurate - Traceable Calibration**

Introduction

The Computerised Surface Test Facility (CSTF) has been specifically designed to allow dive shops / service centres to conduct performance testing of serviced regulators and breathing apparatus. It is a cost effective, computerised facility that comprises a control module and a laptop (no printer).

The software is intuitive to use providing a comprehensive customer / regulator database, digital display for set-up and a fully automated cracking pressure / high flow test for determination of performance. To set-up the regulator after servicing, the CSTF digitally displays; (1) the interstage pressure for setting the first stage and (2) the cracking pressure for setting the second stage. The fully automated, computer controlled flow test may then be initiated. This will measure / display the cracking pressure and during the high flow test measure / display the inhale breathing resistance, interstage pressure drop and high pressure drop. Upon completion of the test, the test data can be stored and also printed in the form of a Test Certificate, providing a record of the test for the customer. A regulator / customer history can be built up over a period of time for statistical records.

Order Codes

Item
CSTF