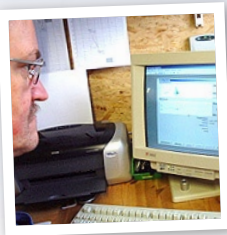


## Pressure-Guard in Action

Professional dive sport businessman talking about their daily work with the Pressure-Guard test bench.

*"I like Pressure-Guard because I can fix precise manufacture settings on the regulator. Furthermore Pressure-Guard is very user comfortable."*

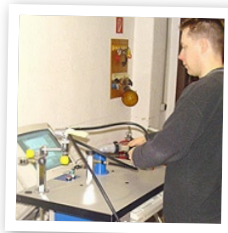
Dirk Hattenbach,  
Diving Center Helmstedt



*"I have used Pressure-Guard since 2000 to keep records for my customer's regulator data after revision on functional control. For me Pressure-Guard is a important tool for regulator revision. Additionally no regulator passes my shop floor without final testing on the Pressure-Guard test bench."*

Hubert Sinzig,  
Hubsi's Taucherservice

*"For many years we have checked thousands of regulators using Pressure-Guard successfully without any downtime or measurement errors, and for our business Pressure-Guard is a critical piece of equipment. In 2009 we started our second Pressure-Guard system in a network database environment which now provides us with increased flexibility in our daily work."*



Tom Brocke,  
Tauchertechnik Brandenburg

## Pressure-Guard Chip Cards

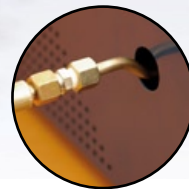
We print chip cards for storing regulator data on both sides with your corporate symbol, boosting your customer loyalty.



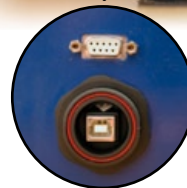
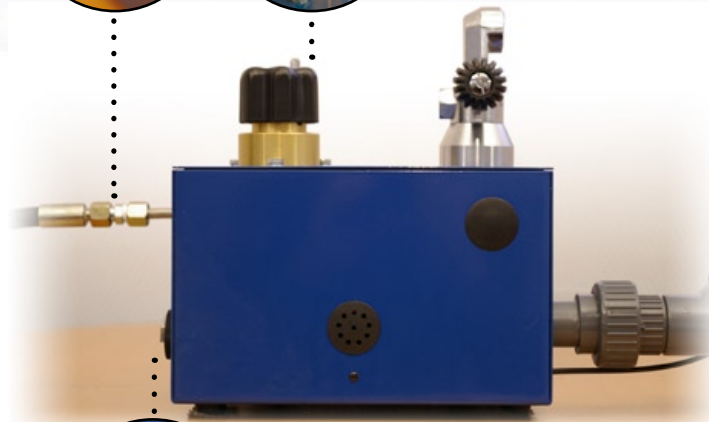
## Now better than ever

Following new advantages with Pressure-Guard since Spring of 2009 :

- ▶ Optional pressure-reducing device
- ▶ USB 2.0 interface (additional to serial interface)
- ▶ Regulators up to 300 bar possible
- ▶ Energy efficient power supply
- ▶ 3 Inflator adaptors with quick change coupler
- ▶ New high pressure attachment



left: high pressure attachment  
right: pressure-reducing device



serial and USB interface

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# Pressure-Guard

TS 250

*The regulator control system for more improved dive safety*



**Pressure-Guard 2011**

With pressure reducer and USB interface  
Database with more than 700 regulators

Pressure-Guard GmbH | Pommernstraße 4 | D-37603 Holzminden  
Fon +49 (55 31) 12 83-0 | [www.pressure-guard.de](http://www.pressure-guard.de)

**pressure guard**  
precision for breathing

**pressure guard**  
precision for breathing

## The Original Regulator Check System

After several years of development, you as a dive sport businessman now will be able to check the function of regulators precisely with the Pressure-Guard regulator control system.

Measure high-, middle- and respiratory pressure of the pressure stages of all manufacturers and calculate the dynamic breath work inclusive injector effect with the Pressure-Guard Software.

A test document consists of pressure curves and can be printed with your individual corporate symbol



Pressure-Guard Test Bench

The Pressure-Guard test system offers you a steeples variable breathing frequency and high precision of the result because of the minimized death room.

## We Are Pressure-Guard

InfoTech was founded in 1991 in Holzminden (Lower Saxony/ Germany) as an IT full-service partner.

The business areas of the 18 man team consists of consulting, technical service and development, as well as professional internet service providing.

All our efforts target to that market, that joints all, that operates very innovative, where early reaction is mandatory, people acting with each other and establish their network.

In this field we want to be – and we are.

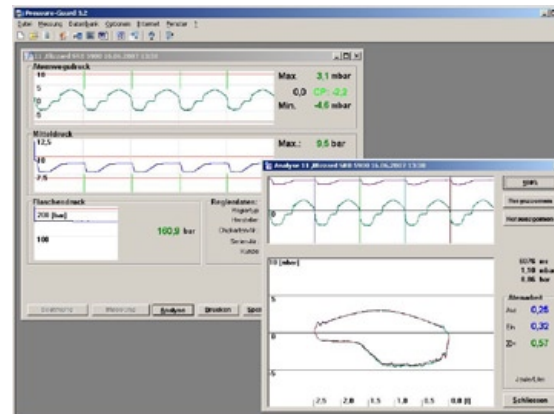
## Test Bench TS 250

- ▶ high measurement precision because of minimized inefficient volume and thermo stable, permanent calibrated sensors for high, middle, respiratory pressure and volume
- ▶ variable volume up to 5250 cm<sup>3</sup> gaseous mixture
- ▶ default volume 2500 cm<sup>3</sup>
- ▶ stepless adjustable breathing frequency 0-60 cycles per minute
- ▶ default dynamic test: 5 cycles within 12 seconds
- ▶ programmable inefficient volume 140...2890 cm<sup>3</sup>
- ▶ applicable for measures in pressurised chamber according to CE250
- ▶ bench initialization with self test
- ▶ under and over pressure tests for leakage checks
- ▶ permanent pressure monitoring to prevent over pressure (P>50mbar)
- ▶ easy graphical software interface for all user interactions, no control panels on bench
- ▶ DIN and INT connection for compressed air
- ▶ linear positioning, artificial respiration with servo motor control
- ▶ available as table or floor set, optional with pc integrated
- ▶ TÜV/CE proofed



## Software

- ▶ Graphical user interface in MS Windows design for maintenance of measures and tests
- ▶ fluent display of high, middle, and respiratory pressure with 1000 scans per second.
- ▶ calculation of the dynamic breath work including injector effect
- ▶ possible check against product specific limits
- ▶ A test document consists of pressure curves and can be printed with your individual corporate symbol
- ▶ Customized layout
- ▶ OEM Version possible
- ▶ multilingual
- ▶ selectable units of measure: bar / PSI
- ▶ supported chip card as well as transponder reader
- ▶ tagging regulators by individual coded chip cards
- ▶ open interface for LIMS and other EDV systems
- ▶ Microsoft database free license
- ▶ rich export file formats (e.g. MS Excel)



One View Only : The Pressure-Guard Software



**pressure guard**

precision for breathing