

**ENHANCED
SERIES!**



[ProfiCHECK.net](#)

[ProfiCHECK.lite](#)

[ProfiCHECK.twin](#)

[ProfiCHECK.link](#)

[ProfiCHECK.port](#)

[TecBOS.solutions](#)

ProfiCHECK Test Bench Series

[Versatility. Ease of use. Networking.]

MSA

MSA is the only full-service provider of personal safety equipment worldwide that offers in-house test bench capability. This puts us in an exclusive position to provide full quality assurance for the entire spectrum of professional safety management.

Testing and equipment management in a complete system solution package. No matter which member of the ProfiCHECK family you choose, advanced features will be guaranteed.

[Versatility]

For a wide variety of applications: choose the ProfiCHECK version which fulfils your individual needs in testing and select the appropriate software module to optimise your equipment management.

From a single test bench to a networked shop or a completely networked operation the ProfiCHECK and TecBOS modular system adapts to your needs as your tasks grow.

[Ease of use]

Fully automatic testing and intuitive operation ensure high user-friendliness. An operator intervention is possible at all times. Camera and microphone-enhanced acoustic and visual tests cater for clear and fast results.

[Individualised]

A comprehensive database with pre-installed and later added equipment [location, service requirements, spare parts] saves time and eliminates the need for interfaces between separate databases.

Test sequences and parameters, service scheduling, part replacement, notification of low inventory, tests due and training courses are fully customisable.

Invoices can be extracted automatically and sent directly to the equipment owner.

[Your choice]

ProfiCHECK.net for comprehensive testing of SCBA components and chemical protective suits

ProfiCHECK.lite for static testing

ProfiCHECK.twin for high-speed face-mask testing

ProfiCHECK.port for mobile service

ProfiCHECK.link for recording from mechanical test benches

[Network]

ProfiCHECK test benches and the database can be controlled from several PCs in a LAN. Equipment specifications can be updated easily. Additional value can be offered through software updates via the Internet and online service support.



All ProfiCHECK test benches can be integrated into a network with other computers sharing PCs and the same database.

ProfiCHECK Series Product Comparison

| | net | lite | twin | port | link |
|---------------------------------------|-----|------|------|------|-----------------|
| Fully automatic testing | ■ | ■ | ■ | ■ | |
| Dynamic testing [artificial lung] | ■ | | | ■ | □ ^{2]} |
| Testing of pressure reducer | ■ | | | ■ | □ ^{2]} |
| Static testing of demand valve | ■ | ■ | | ■ | □ ^{2]} |
| Static testing of face mask | ■ | ■ | ■ | ■ | □ ^{2]} |
| Testing of chemical protection suits | ■ | ■ | | ■ | □ ^{2]} |
| Network-capable | ■ | □ | □ | ■ | □ |
| Online Internet service ^{1]} | □ | □ | □ | □ | □ |

■ Standard feature
□ Available option

1] optional maintenance contract
2] depending on capabilities of legacy test bench

[The complete solution]

Can there be any doubt that reliable equipment is at the core of brigade effectiveness? Our flagship test bench model is the essential tool for modern breathing equipment workshops.

The fully automatic ProfiCHECK.net performs a complete range of tests of self-contained breathing apparatus components and chemical protective suits. An artificial lung allows for dynamic testing. It also includes the full-featured ProfiCHECK equipment management software and is network-capable.

- Self-contained breathing apparatus
- Pressure reducer
- Demand valves
- Full-face masks
- Chemical protective suits





ProfiCHECK.lite

[The basic maintenance alternative]

For workshops that require basic maintenance without the need for artificial lung functionality, MSA offers the ProfiCHECK.lite.

This ProfiCHECK model offers a complete range of static tests on demand valves, face masks and chemical protective suits. The other features such as a test head, a demand valve connector and a 10 l/min flow pump are the same as with ProfiCHECK.net.

Network capability is optional. ProfiCHECK.lite also makes a great additional bench for larger workshops.

- Demand valves
- Full-face masks
- Chemical protective suits

ProfiCHECK.twin

[High-production face mask testing]

The ProfiCHECK.twin model is specifically designed as a face mask test bench for large capacity workshops. It allows simultaneous work on two face masks. While one is being tested, the second one can be set up, creating a highly efficient workflow.

It features two test heads and a 10 l/min flow pump. Full network capability is optional.

- Two full-face masks



ProfiCHECK.link

[Enhancing your existing test bench]

ProfiCHECK.link records test values from your traditional non-automated test bench for further processing with the state-of-the-art ProfiCHECK software.



ProfiCHECK.port

[For the technician on the go]

The ProfiCHECK.port is the portable test bench. Designed with the smallest possible housing and easy-grip handles, it can be transported in a medium-sized vehicle. It offers the same functionality as the ProfiCHECK.net.

ProfiCHECK.port is the ideal bench for mobile service technicians or can serve as table top unit.

- Self-contained breathing apparatus
- Pressure reducer
- Demand valves
- Full-face masks
- Chemical protective suits



Presentation

For a demoverion and interactive presentation of the ProfiCHECK and TecBOS.solutions modules see the attached CD. You can also order the CD from our customer service centre in Berlin: contact@msa-europe.com, Phone +49 [30] 68 86-555



All ProfiCHECKs come with the software “Technical Services – Standard”. It is one of the three software packages [TecBOS.Technical Services, TecBOS.Administration, TecBOS.Incident] TecBOS offers in exclusive cooperation with MSA.

[Testing]

TecBOS.Technical Services software can be used to fully automatically test any SCBA equipment on the market today. Equipment is entered via keyboard, bar code or transponder reader. The operator is then informed of which tests or spare parts are due. Preset test sequences can be performed automatically or, alternatively, individual tests can be selected and carried out in detail. Test sequences and parameters are completely customisable, and the operator can intervene at any time, e.g. repeat particular tests if required. All equipment errors are clearly displayed on-screen, and a full report is generated.

An integrated camera and microphone facilitate ergonomic handling and control of acoustic and visual tests. The test results are securely stored and can be called up and printed out as necessary.



Self-explanatory display of test routine with real-time parameters.

[Service]

High-level online service and update support is available via the Internet, minimising the need for visits by a service technician.

[Upgrade]

The ProfiCHECK “Technical Services – Standard” software is an integral part of the extensive Tec.BOS.solutions package. Tec.BOS.Technical Service can be conjoint with the resource planning application TecBOS.Administration or in the mobile command management tool TecBOS.Incident, giving a wide range of possibilities.

TecBOS.Technical Services – Standard:

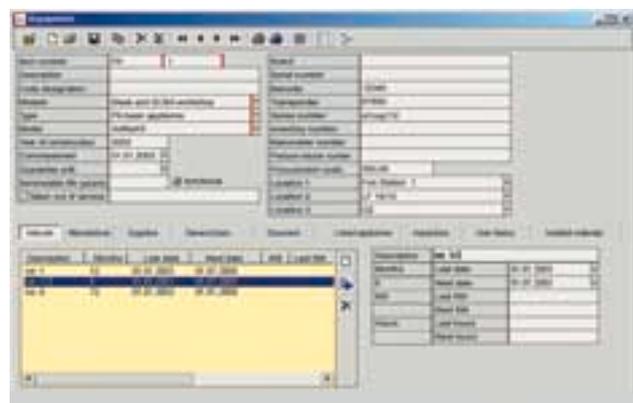
- Manual testing
- Automatic testing
- Selective testing
- Preinstalled equipment database
- Clear structure of device types
- Equipment management for BA workshops
- Standard service times
- Maintenance services
- Warehouse administration
- Address/data management
- Invoicing
- Cost centre interaction
- Terms of payment
- Delivery note creation

[Management]

By selecting a device from the comprehensive pre-installed database of different types of equipment the operator gets all relevant information: detailed device characteristics, manufacturer, location, users, passed tests and even upcoming training courses. New equipment can be easily added into the database. All ProfiCHECK test benches can be integrated into a network with other computers sharing the same database.

Operators are automatically notified of service intervals, required part replacements, necessary tests and even upcoming training courses. An inventory control runs in the background. As stocks are depleted, a reminder to contact the supplier is automatically generated.

Many other supporting features, such as direct invoicing of costs to the equipment owner, ease the workload of operators.



Comprehensive equipment management, including notifications for services due.

Technical Services – Upgrades

The ProfiCHECK software “TecBOS.Technical Services – Standard” is easily upgradeable with the Professional and Premium versions. For mobile management that is operated offline we offer additional Add-On packages.

Professional:

- Open workshop structure [central workshop]
- Location management
- Defect notification
- Group test recording
- Device exchange between locations
- Software mask designer
- Equipment/user monitoring

These features come in addition to the features of the Standard version, explained on page 6.

Premium:

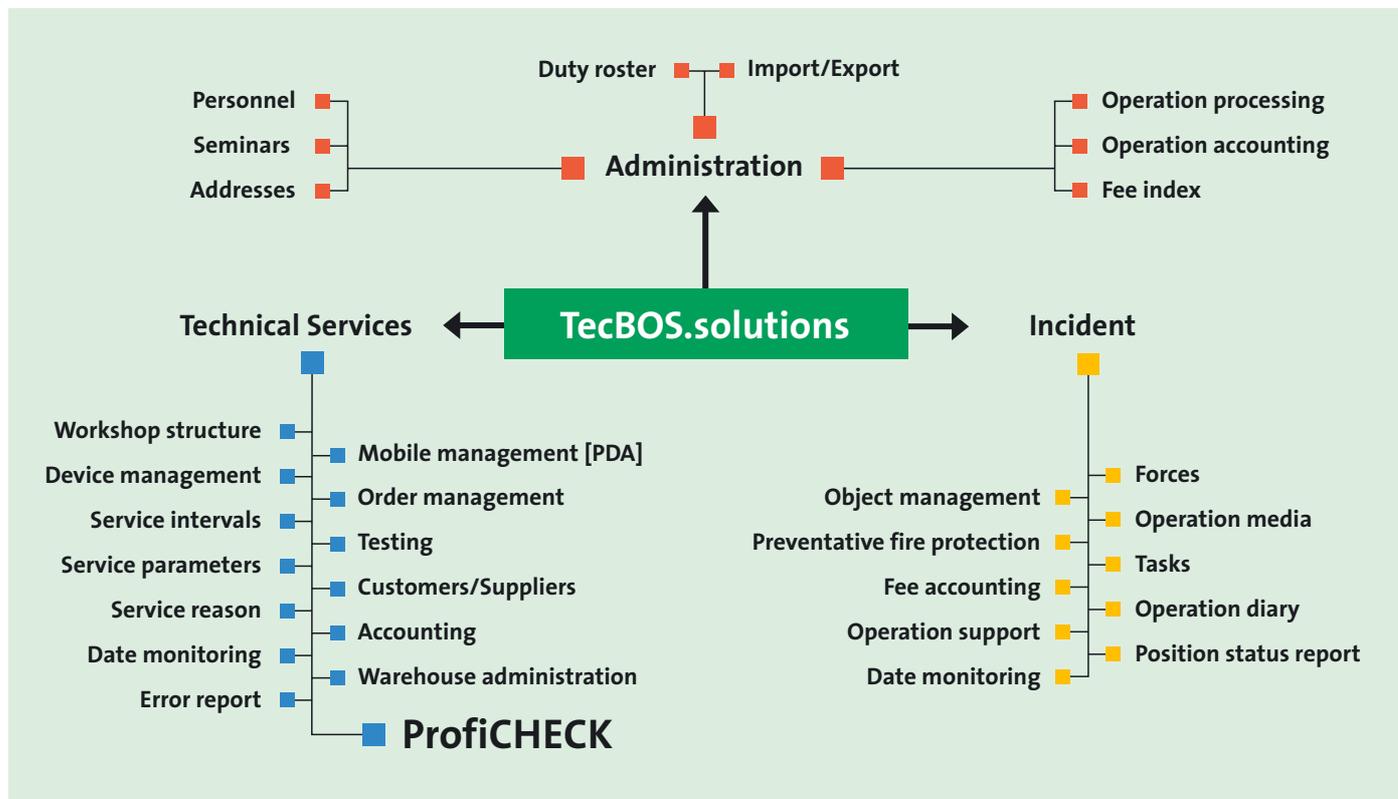
- Order management including resource allocation
- Requisition issue
- Complete inventory management
- Ordering system
- Integrated warehouse management

These features come in addition to the features of the Standard and Professional version, explained before.

Add-Ons:

- Mobile management including transponder and barcode [PDA]
 - Location management
 - Delivery note creation
 - Mobile testing
 - Group test recording
 - Equipment information
- Mobile management [laptop]
- Synchronisation off/on-line units

These features can only be used in combination with Professional or Premium versions.



TecBOS.Technical Services state-of-the-art software can be seamlessly integrated into TecBOS.solutions system. For detailed info on TecBOS.solutions please refer to our separate leaflets.

[Technical specifications and ordering information]

ProfiCHECK.net

| | |
|--------------|------------------------------|
| Dimensions | 90 x 85 x 140 cm [w x d x h] |
| Weight | 102 kg |
| Power supply | 230 V, 1.5 A |
| Air supply | 270...310 bar |

| | |
|-----------------|--|
| 10028223 | ProfiCHECK.net without PC |
| 10028224 | ProfiCHECK.net with PC, monitor and printer |

ProfiCHECK.twin

| | |
|--------------|-----------------------------|
| Dimensions | 97 x 45 x 45 cm [w x d x h] |
| Weight | 23 kg |
| Power supply | 230 V, 0.5 A |
| Air supply | 7 bar |

| | |
|-----------------|---|
| 10028221 | ProfiCHECK.twin without PC |
| 10028222 | ProfiCHECK.twin with PC, monitor and printer |

TecBOS.solutions

| | |
|-----------------|---|
| 10048780 | TecBOS.Technical Services – Standard [ProfiCHECK] |
| 10053018 | TecBOS.Technical Services – Standard [ProfiCHECK], subsequent licence |
| 10052539 | TecBOS.Technical Services – Professionals |
| 10053036 | TecBOS.Technical Services – Professional, subsequent licence |

Premium and Add-on Upgrades are available on request, as well the complete packages on TecBOS.Incident and TecBOS.Administration.

Your direct contact:

MSA Europe Regional Head Offices [www.msa-europe.com]

Northern Europe
MSA Nederland B.V.
Kernweg 20, NL-1627 LH Hoorn
Phone: +31 [229] 25 03 03
Fax: +31 [229] 21 13 40
E-mail: info@msaned.nl

Central Europe
MSA AUER GmbH
Thiemannstrasse 1, D-12059 Berlin
Phone: +49 [30] 68 86-24 90
Fax: +49 [30] 68 86-24 20
E-mail: info@auer.de

Southern Europe
MSA Italiana S.p.A.
Via Po 13/17 – I-20089 Rozzano [MI]
Phone: +39 [02] 89 217-1
Fax: +39 [02] 8 25 92 28
E-Mail: info-italy@msa-europe.com

Eastern Europe
MSA AUER GmbH
Thiemannstrasse 1, D-12059 Berlin
Phone: +49 [30] 68 86-25 99
Fax: +49 [30] 68 86-15 17
E-Mail: mee@auer.de

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ProfiCHECK.lite

| | |
|--------------|-----------------------------|
| Dimensions | 48 x 45 x 45 cm [w x d x h] |
| Weight | 18 kg |
| Power supply | 230 V, 0.5 A |
| Air supply | 7 bar |

| | |
|-----------------|---|
| 10047699 | ProfiCHECK.lite without PC |
| 10050710 | ProfiCHECK.lite with PC, monitor and printer |

ProfiCHECK.port

| | |
|------------|---|
| Dimensions | closed: 575 x 535 x 625 cm open: 690 x 535 x 400 cm [w x d x h] [h: 730 cm incl. head] |
|------------|---|

| | |
|--------------|---------------|
| Weight | 58 kg |
| Power supply | 230 V, 1.5 A |
| Air supply | 270...310 bar |

| | |
|-----------------|---|
| 10051694 | ProfiCHECK.port without PC |
| 10051761 | ProfiCHECK.port with PC, monitor and printer |

All items include test bench, bar code and transponder scanner, AutoMaXX PC-Mouse and all adapters to test MSA masks and demand valves. Installation and basic instruction are also part of each package. Components of the PC system can be ordered separately.

Accessories & Spare Parts

| | |
|-----------------|--|
| 10064421 | Test Adapter Kit for Chemical Protective Suits |
| 10045964 | PC for test equipment |
| 10055641 | TFT Monitor 17" |
| 10045963 | Monitor 17" |
| 10045962 | Printer for test equipment |
| 10039905 | AutoMaXX PC-Mouse |
| 10054207 | LAN card [for upgrading ProfiCHECK.lite and ProfiCHECK.twin] |

