



Quality servicing and care  
of protective equipment

RESPIRATORY  
WORKSHOPS

ST/7343-2009



## Quality servicing is the only guarantee of safety in the event of an emergency.

Personal protective equipment is your life insurance when you are exposed to either fire, smoke, heat or chemicals. So it must be ready for use again, in the right place and condition, as quickly as possible. Dräger supplies workshop systems designed to your individual needs which ensure efficient workflow, great care and servicing of your protective equipment.

### Trust in our experience, from equipment to care and maintenance

For decades, Dräger has been not only a designer and manufacturer of high quality protective equipment, but also a specialist in the proper servicing and care of your equipment. Having planned and delivered over 1,000 workshops, we have repeatedly demonstrated our ability to design and build workshops that meet your specific needs. Dräger test devices and filling apparatus have been specially designed and developed to reflect the requirements of all kinds of different protective clothing with respect to care and servicing.

### Equipped to your specifications

Precisely thought-out workflow and the ergonomic positioning of equipment within a facility are important prerequisites if you are to work comfortably and efficiently in a workshop. Our specialists provide expert advice and work together with you to create a concept which will satisfy your needs and meet your expectations, while at the same time complying to the applicable guidelines.

### A partner you can rely on at all times

Dräger provides a reliable and professional partnership all the way, from initial advice and concept design to final installation and handover of a turnkey workshop. It goes without saying that we will train you in how to operate all the devices in your new workshop and be at your service once the workshop has been finished. From regular servicing of compressors and test equipment to the updating of your test and documentation software, Dräger does all this and more, anywhere in the world.

### Sensitive to your budget

When designing your workshop, we naturally take into account the commercial considerations. We can offer you a comprehensive range of products, from manual solutions to fully automatic and highly efficient devices. We offer also a range of flexible financing packages that can be tailored to meet your needs.



## Care and servicing – as quick as the fire brigade

Your workload will not get any smaller, so get protective equipment turned around more quickly by optimizing workflows and automating processes. Professional servicing and care of respiratory protective equipment in our workshops is an investment in the safety of personnel and the life span of your equipment. Invest in your safety and reduce your costs of ownership.

Featuring all the equipment you need, workshops from Dräger offer the best possible conditions for systematic servicing and repair of respiratory protective devices. Together with you, we design new workshops and work out how they can be incorporated into existing premises or plan the refurbishment of your existing workshop. Even where space is a premium or conditions are unfavorable, we will find ways to turn your vision into reality. If you already own equipment you wish to continue to use in your new workshop, we will ensure it is integrated in the best possible way.

### **Cleanliness is next to godliness**

Whether you need to clean, disinfect and dry breathing masks and chemical protective suits or clean and waterproof

work clothing, Dräger always has the solution available, from equipment to detergents. Our washing machines and driers are tailored to the particular requirements of your various devices and have been thoroughly tested. How much protective equipment and how many devices do you need to turn around, and how much time is allotted for this process? If you provide us with this information, we will put together a range of equipment which will best reflect your needs.

### **A plentiful supply of air**

When it comes to refilling breathing air cylinders an efficient and fully monitored system is essential. Dräger has just the filling system for you, with the pressure ranges, cylinder sizes and connectors you need. Whether you require space-saving

compressors, integrated or additional separate filling panels with varying numbers of filling valves, or noise protection hoods for quieter operation our modular approach gives you the freedom to fulfill your specific wishes.

### **The final touch**

Other work is also performed in the workshop to prepare equipment for reuse. For example breathing masks, chemical protective suits, closed-circuit breathing apparatus and other types of work clothing are tested, repaired and maintained. Precise and convenient PC-controlled universal testing systems guarantee ease of operation and uncompromising safety. Breathing air cylinders, masks and protective suits can be stored as they should be in our shelf and cupboard units. Special



ST-564-2004



ST-2239-2006



ST-7608-2008



ST-7307-2008

transport trolleys optimize the flow of materials, while consideration is also given to the storage of tools to ensure that they are always readily to hand when and where they are needed. An extensive selection of sturdy and durable workshop furniture in a variety of designs, e.g. made from wood or stainless steel, completes Dräger workshop range.

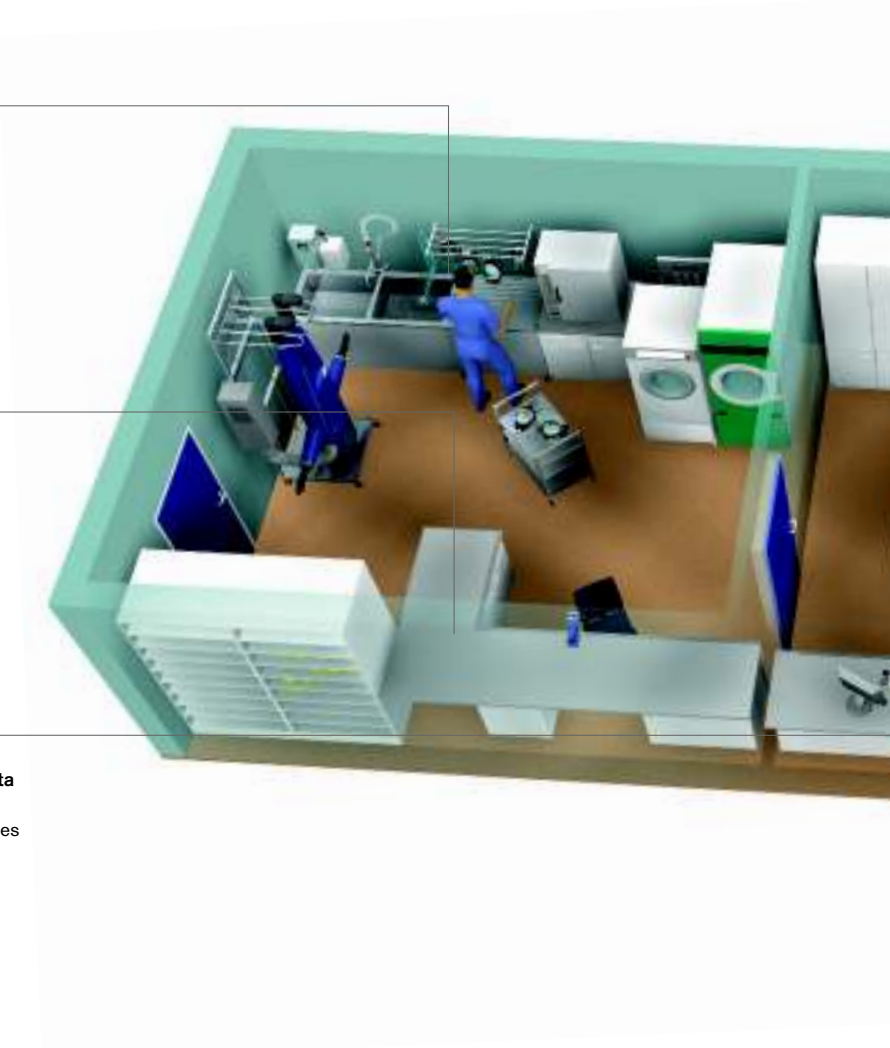
#### **Complete documentation and proof**

Our highly flexible and universal software solution – the Drägerware.CentralWorkshop (administrative software for workshops) makes for efficient administration of all kinds of technical equipment. The system helps optimize the processes involved in the testing of equipment and machines, including lists and statistical analyses to

support planning and increase transparency of day-to-day workshop operations. The fact that test processes are recorded in compliance with the applicable laws is an additional reassurance.

## Dräger offers complete workshop system solutions tailored to your requirements

Workflow-optimized: protective clothing arrives soiled and contaminated, and leaves cleaned and tested, ensuring that your protective equipment is ready for use again – quickly and reliably.



ST-7281-2008



**Cleaning, disinfecting, drying**  
all done ergonomically,  
reliably and economically  
in Dräger workshops

ST-7321-2008

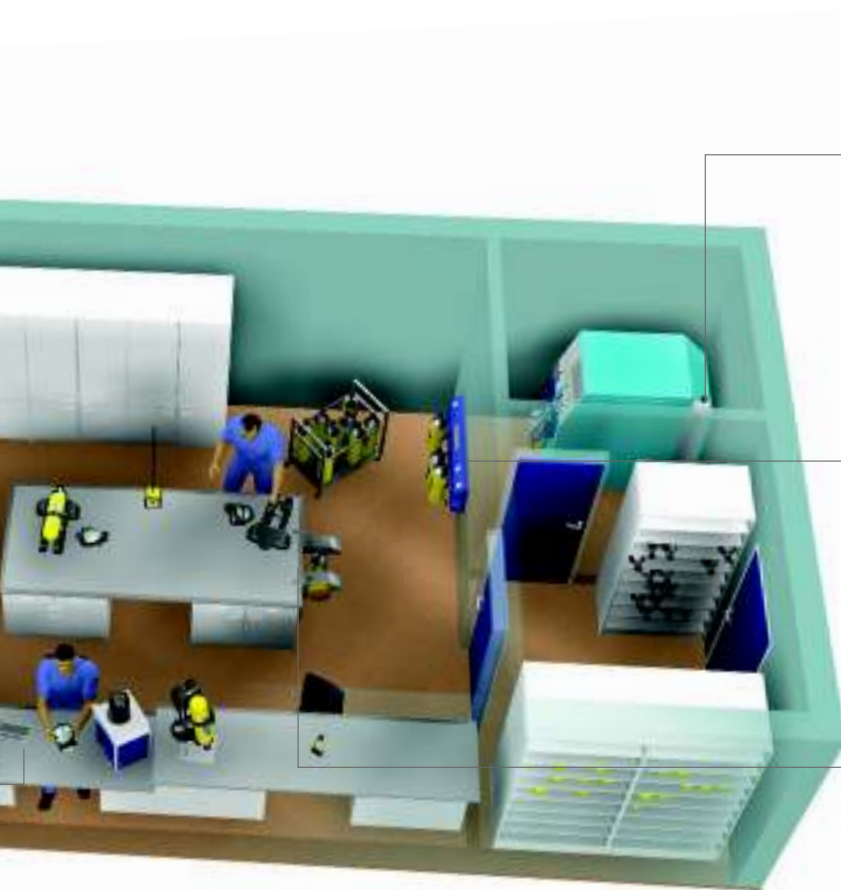


**Dismantling prior to cleaning**  
before they can be cleaned,  
devices must be correctly  
dismantled

ST-7406-2008



**Checking, testing, storing data**  
this is a quick and reliable  
process with Dräger test devices  
and Dräger software for the  
management of stock and test  
records



ST-2240-2006

**Compressor room**  
Economic and efficient –  
compressors from Dräger



D-16423-2009

**Filling panel**  
Separate filling panel to allow  
quick and reliable filling  
of breathing air cylinders



ST-7425-2008

**Repair and assembly**  
Ergonomic work height  
and special aids from  
Dräger make work easier



ST-7341-2008

## CLEANING, DISINFECTING AND DRYING

### Combi Clean

washing machine with special programs for cleaning, disinfecting and drying of breathing masks, CPS and firefighting suits



ST-2241-2006

### Combi Pac

comprising a washing machine, drier, dosage set and mask drier, available in two sizes



ST-2243-2006

### CPS-Cabinet

fully automatic cleaning, disinfecting and drying cabinet for up to four chemical protective suits at one time



ST-2248-2006

### CPS-Cabinet

this compact cabinet allows a protective suit to be cleaned, disinfected and dried inside and out in one complete process



D-54-2010

**Rinsing unit with two or three sinks**  
made entirely of nickel chromium steel and available in different designs



ST-2245-2006

**Rinsing sprinkler set**  
hose rinsing set with manual taps and swivel arm



ST-2246-2006

### Wash bag

Various wash and storage bags for breathing masks, CPS visors and compressed air breathing apparatus



ST-414-2003

### Dosage set

Microprocessor-controlled dosage set for aqueous disinfectant solutions with exact dosage capability and safety equipment



D-23747-2009

## CONSUMABLES

### Detergents

for different areas of application, including smoke, oil, grease etc., liquid or powder form



D-15723-2014

### Disinfectants

for different areas of application including breathing masks, chemical protective suits, test equipment, work surfaces, floors and drying cabinets



D-15724-2014

**Combined detergent and disinfectants**  
for different areas of application, liquid or powder form



ST-2278-2006

### Impregnating agent

for different areas of application



D-55-2010



**DRYING**

**Combi Dry**

for drying and treating of work clothing, e.g. for 60 masks and 3 – 8 firefighting jackets



ST-2242-2006

**CPS drier**

drier for one CPS with warm air blower and air distributor, mobile or wall-mounted design



ST-7557-2008

**Hose drier**

quickly and gently drier for hoses and components of closed-circuit breathing apparatus



ST-2252-2006

**Mask drying cabinet**

upright drying cabinet with height-adjustable feet and eight baskets to hold approx. 72 breathing masks or parts of closed-circuit breathing apparatus



ST-2250-2006

**Mask drying cabinet, table-top version**

table-top drying cabinet with two, four or six baskets to hold 12, 24 or 36 breathing masks or parts of closed-circuit breathing apparatus



ST-2251-2006

**Drip-dry facility**

drip-dry facility used for hanging masks and parts of closed-circuit breathing apparatus up above the rinsing cabinet



ST-2253-2006

**Care and testing table with drip-dry grid inserts**

made entirely of stainless steel, with a tough durable surface which is easy to clean, different shapes and sizes



ST-2254-2006

**TESTING**

**Quaestor**

for testing fully automatic breathing masks, compressed air breathing apparatus, CPS, diving apparatus and, optionally, closed-circuit breathing apparatus, with integrated artificial lung



ST-2259-2006

**Testor**

proven and compact testing device for breathing masks, demand valves, pressure reducers (medium pressure function) and chemical



ST-2260-2006

**Prestor 5000**

highly efficient device that tests the integrity and thus safety of full-face respiratory masks. The automatic testing program reduces the time needed to inspect each mask.



D-12857-2014

**Cylinder maintenance centre**

pneumatic clamping facility to accommodate breathing air cylinders and a drier capable of drying four breathing air cylinders



ST-2262-2006

**Hydrotest unit**

the hydrotest unit uses pressurized water to test steel cylinders at a maximum test pressure of 500 bar



ST-2263-2006

**Water jacket test unit**

to measure the volumetric expansion of composite compressed gas cylinders using the water jacket test method



ST-2264-2006

## COMPRESSORS AND ACCESSORIES

### Compressor

different versions available, with air output rates of 100 to 680 l/min, see the Dräger compressors brochure



ST-770-2004

**Compressor, soundproofed**  
different versions available, with air output rates of 100 to 680 l/min



ST-1073-2008

### Filling panel

for filling breathing air cylinders, different versions available



ST-2256-2006

**Compressed air distributor**  
for cleaning and disinfecting demand valves under pressure, with seven swivel couplings



ST-2257-2006

**Oxygen booster pump**  
for filling equipment cylinders with oxygen from reserve cylinders, fitted with an electric drive unit and complete filling logistics



ST-2258-2006

## ADMINISTRATIVE SOFTWARE

### Drägerware.

**Central-Workshop**  
software tool for optimized administration of equipment, materials and test processes



ST-2285-2006

**STORAGE AND TRANSPORTATION**

**Lifting, transport and work trolley for CPS**  
Nickel chromium steel trolley for all work processes such as drying, testing and transport, easy operation by use of a lever system



ST-2266-2006

**Equipment stand**  
for hanging up compressed air and closed-circuit breathing apparatus



ST-2267-2006

**Clamp for breathing air cylinders**  
for pneumatically fixing and holding breathing air cylinders, mounted on a workbench, mechanical or pneumatic versions available



ST-2268-2006

**Cylinder trolley, 1 x 50 L**  
stainless steel cylinder trolley for transporting one 50 L cylinder, equipped with a solid base and a safety chain to secure the cylinder



ST-2269-2006

**Cylinder trolley**  
for transporting up to 24 breathing air cylinders, different versions available



ST-2270-2006

**Transport trolley**  
Nickel chromium steel trolley for transporting respiratory protective equipment, different versions available



ST-2271-2006

**Hanging unit for CPS**  
made of stainless steel, for drying one CPS



ST-2272-2006

**Upright cabinet**  
different sizes available



ST-2273-2006

**Cabinet with drawers**  
different sizes available



ST-2274-2006

**Glass fiber composite container for CPS**  
mobile containers for transporting protective suits, resistant to aggressive media and 100 % stable



ST-2275-2006

**CPS transport and storage sack**  
for careful and tension-free storage; easy handling thanks to integrated handles



D-23748-2009

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