



New products at the exhibition 2022

SUSTAINABILITY
ERGONOMICS
ECONOMIC EFFICIENCY
AUTOMATION



Environmentally friendly use of resources

Our focus is on the environmentally friendly use of resources: Low water consumption, powder recycling and CO₂ recovery are standard for us.

Sustainability in design and production is also a priority for us. The high quality standards we set for the selection of materials make our systems and machines very robust, durable and repairable. Spare parts are permanently and reliably available.

SUSTAINABILITY



Innovations for user-friendly operating processes

Whether pneumatic height adjustment, spring pressure support or swivelling clamping device: Our systems and machines, testing and service equipment offer optimum ergonomic handling with user-friendly and load-relieving innovations. Lifting work is reduced to a minimum.

The design of our products is extremely sturdy while being impressively light-weight.

ERGONOMICS



Increased productivity through efficient ideas

Our systems and machines guarantee high economic efficiency through fast and precise work processes.

Our design and manufacturing also play a part in this: For our products, we use standard parts that are exclusively manufactured in Germany.

All our innovative developments significantly increase your productivity in nearly all operations.

ECONOMIC EFFICIENCY

MAX

Faster and more effective work thanks to perfect procedures

A high degree of automation of our plants and machines ensures efficient processes and the best quality at all times. Our credo is: the least possible number of manual operations for the user.

The work processes can be adapted to requirements and perfected with our products: from partially to fully automated. For every requirement, there is a suitable solution that makes your work faster and more effective.

AUTOMATION

We make your work faster and more effective

High-tech from Zierenberg
sets the standards for safety

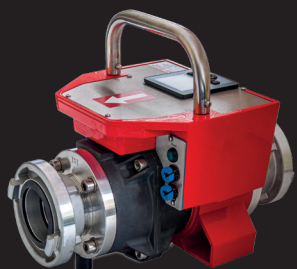
Products from **Brandschutztechnik Müller** are used in over 90 countries worldwide. The innovations aimed at achieving high cost-efficiency, user-friendly work processes and environmentally friendly resource use guarantee the highest quality and functionality.



PSM JUNIOR Flexible all-rounder

- ELECTRICAL REVERSING
- HIGH QUALITY AND LONG-LIFE MOTOR
- ACCESSORIES FOR OPTIONAL AUTOMATION
- RED HEAD FILTER SYSTEM

The **PSM JUNIOR** has been our best-seller for more than 40 years - all over the world. Flexible expandability, exceptional quality and clever detail solutions: This **powder suction machine** is a unique all-round talent, where function and handling are the most important factors.



Flowmaster DIGITAL 2.0 Compact test device

- WITH INSTALLED BATTERY FOR MOBILE WORKING
- WITHOUT MOVING PARTS INSIDE THE MEASURING TUBE / EXTREMELY ROBUST
- QUICK AND EASY TO USE ANYWHERE

The **Flowmaster 2.0** is your first choice at all water withdrawal points whenever you need to precisely check the pressure and rate of flow. Its integrated data logger stores up to 360 hours of data. The digital indicators directly display the accurate measured values.

FES Liquid Stationary Inspection & filling workstation

- EFFICIENT REFILLING OF WATER OR FOAM FIRE EXTINGUISHERS
- CAN BE SERVICED WITHOUT LOSS OF EXTINGUISHING AGENT AND WITH MINIMAL FOAM FORMATION

The **FES Liquid Stationary** is a complete workstation for service workshops to inspect or refill water or foam fire extinguishers. It is not only a streamlined but also an extremely clean solution when having to process a high number of units in short order.



DMT 600 Test in accordance with 14 462

- FOR FASTER SERVICE
- EXAMINATION FOR PRESSURE RESISTANCE AT 16 BAR (STATIC PRESSURE TEST)
- DOCUMENTATION OF THE RESULTS

In accordance with **DIN 14 462**, dry riser pipes in buildings must be inspected at regular intervals. To document the functional capability of the lines, this inspection also includes the points:

- Examination for pressure resistance at 16 bar (static pressure test)
- Checking the pressure difference between the feed and withdrawal points. (At a defined rate of flow of 600 L/min)





HPM 2.0 Hydrant testing pump

Mobile and stable device

- INTEGRATED WATER COLLECTION TANK
- PNEUMATIC HOSE DRAINING,
- DETERMINATION OF FLOW VOLUME AND PRESSURE CHECK

The manual hydrant testing pump HPM 2.0 can measure the static and flow pressure of a wall hydrant's fire extinguishing water and determine the rate of flow. Pillar fire hydrants and fire pressure hoses can also be easily tested for pressure.

PSM COMPACT S++

Perfect service station

- EASY HANDLING
- TIME-CONTROLLED, AUTOMATIC REVERSING
- ELECTRICAL HOPPER HEIGHT ADJUSTMENT
- LOW OPERATING NOISE LEVEL

The "S" version is the stationary variant of our successful model PSM COMPACT. The focus of their development was on particularly easy handling and fast service. It allows you to manage a large number of commercially available fire extinguishers from 2 to 12 kg in a very short time.

CFA 2 carbon dioxide filling unit

One solution for all containers

- CONTINUOUSLY ADJUSTABLE FILLING POWER THROUGH SPEED-CONTROLLED MOTOR
- DIGITAL SCALES WITH ELECTRICAL DEACTIVATION UPON REACHING THE FILLING WEIGHT

The CFA 2 is our all-round talent: Apart from interior CO₂ cartridges, exterior CO₂ cylinders with turning valve and CO₂ fire extinguishers or CO₂ cylinders up to 6 kg, it also fills CO₂ cylinders up to 50 kg (net) with a separate low-floor scales platform.

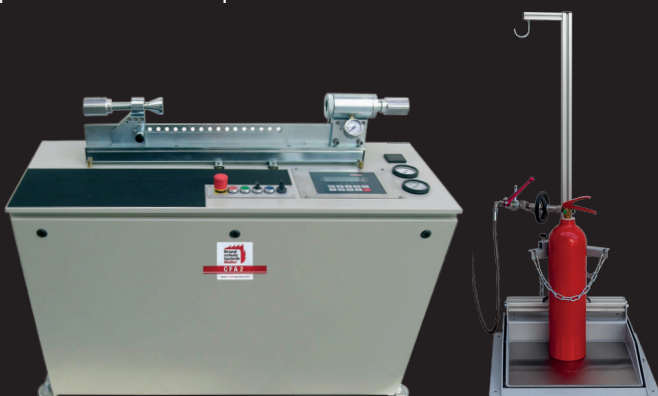
NPA wet fire extinguisher testing system

Compact test device

- EFFICIENT WORK
- MOBILE TESTING OF WET EXTINGUISHERS UP TO 9 LITRES
- BIDIRECTIONAL OPERATION
- MADE COMPLETELY OF HIGH-GRADE STEEL

Unit for mobile testing of fire extinguishers that use aqueous solution as the extinguishing agent with a capacity of up to 9 litres. The unit consists of a transparent test container with integrated density meter as well as an integrated filling scale.

Emptying and filling the fire extinguisher occurs via a bidirectionally operating, foaming-agent resistant electric pump with a capacity of 10 l/min - saving both time and labour costs.





PFS powder filling system Production of powder fire extinguishers

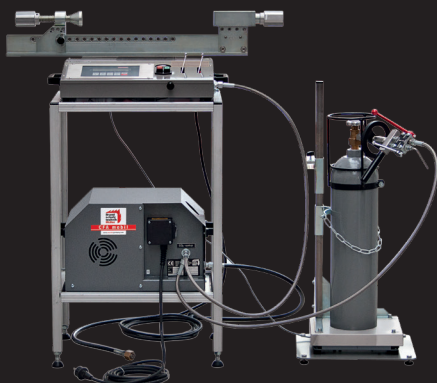
- OPTIMISED FILLING HEAD OF HIGH-GRADE STEEL
- SUITABLE FOR DIFFERENT FIRE EXTINGUISHERS
- FULLY AUTOMATIC FILLING PROCESS
- ERGONOMIC WORK

Our Powder Filling System PFS is the ideal system when you want to fill powder fire extinguishers at the time of manufacture. If you want to fill partially automated batches of 50 to 80 extinguishers per hour, the PFS is ideal.

CFA Mobile Powerful all-round talent

- VERSATILE
- FOR STATIONARY AND MOBILE USE
- MANY EXPANSION POSSIBILITIES DUE TO MODULAR DESIGN

The module concept of the CFA MOBILE enables workplaces that are application-oriented and efficient. For example, the CFA MOBILE with supplementary unit Digital II including filling head F1 is set up on the worktable, available here as accessory. Larger CO₂ cylinders can be processed with the additional floor - weighing platform for the supplementary unit Digital II.



NFB 3 Production of foam fire extinguishers Produktion von Schaumfeuerlöschern

- HIGH ACCURACY
- SIMPLE OPERATION
- STORES UP TO 120 MIXED RECIPES
- MADE COMPLETELY OF HIGH-GRADE STEEL

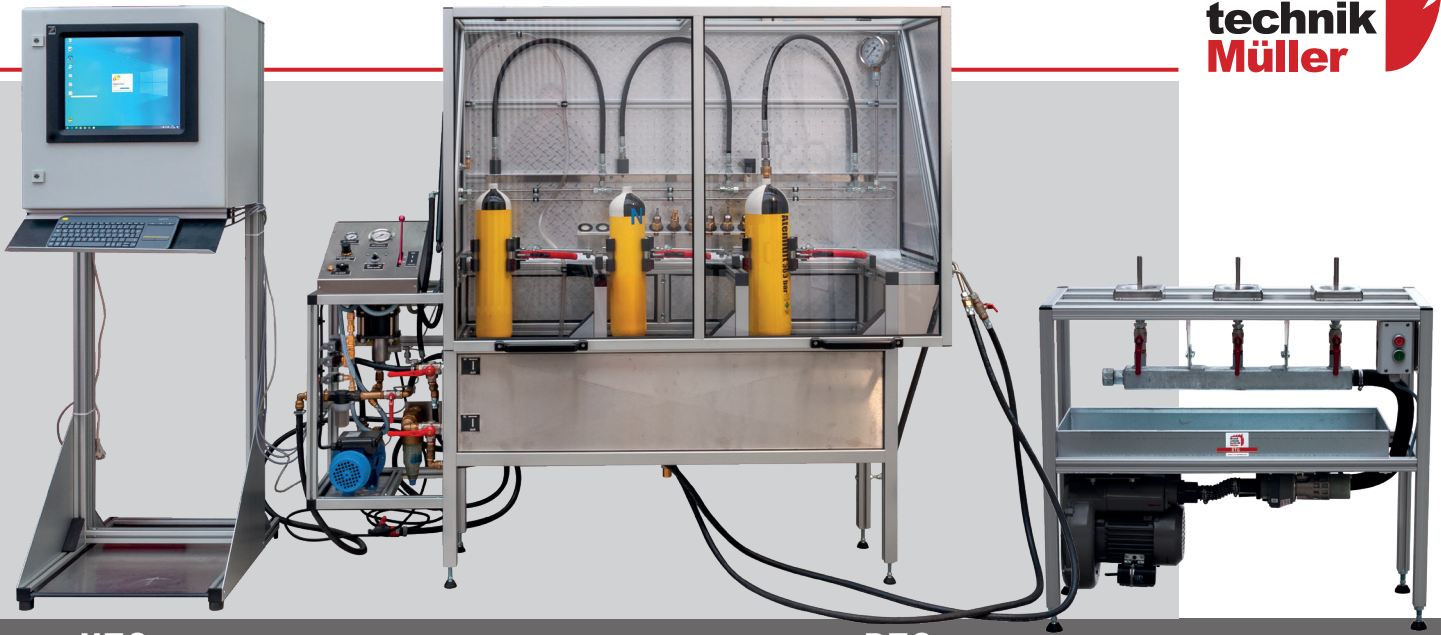
The wet fire extinguisher filling station NFB 3 is a stationary filling unit for filling wet fire extinguishers containing between 2 and 12 litres. The unit can be used to fill extinguishers with formulations containing a maximum of 3 ingredients. The primary components of the unit are made of high-grade steel. An integrated weighing platform enables the extinguishers to be filled with liquid extinguishing agents up to a container height of 620 mm and a maximum total weight of 30 kg.

HPP Hydrant testing pump Mobile, compact, strong

- STRONG ELECTRIC MOTOR WITH LOW SPEEDS
- NON-HAZARDOUS TESTING WITH WATER PRESSURE
- INTEGRATED MOBILE BASE WITH FOLDING HANDLE

Hydrant testing pumps are compact devices with differing adjustable pressure capacity. They are suitable for mobile use for the pressure test of fire extinguishing water lines, wall hydrant riser pipes and water pressure hoses. A three-plunger water pump with the HPP and a diaphragm pump with the HPP Maxi provide the pressure which can be continuously adjusted by a pressure regulator.





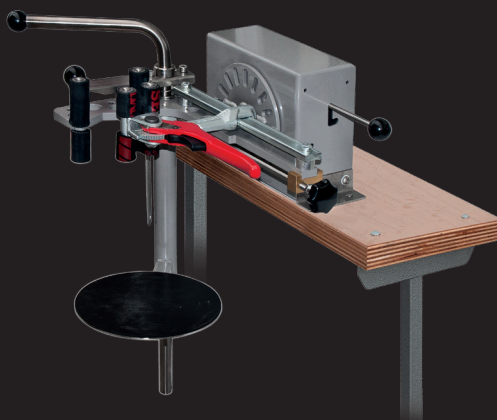
HTG Computer controller Digital documentation

- SUITABLE FOR RETROFITTING EXISTING TESTING EQUIPMENT
- AUTOMATED TESTING PROCESS
- LOGGING AND DOCUMENTATION OF THE TESTING CYCLE

The HTG and HTG Kombi computer controllers are suitable for both new and already delivered HTG-type hydrotesting systems. It consists of hardware and software. The industrial PC with 17-inch touch screen and keyboard is built into a solid steel cabinet that protects it as well.

FES Stationary Safe clamping, fast emptying

- SIGNIFICANTLY IMPROVED ERGONOMIC WORKING
- SUITABLE FOR ALL POWDER SUCTION MACHINES
- GREAT TIME SAVINGS WHILST SERVICING FIRE EXTINGUISHERS



Thanks to their ergonomic working heights, the FES Stationary and FES Mobile make the work much easier on technician's backs when they are servicing fire extinguishers. The manual 360° rotation during the emptying process of powder fire extinguishers significantly speeds up the entire operation. The extinguisher is clamped securely and firmly so that the internal and external inspection of the extinguisher cylinder can be performed directly.

BTG cylinder drying device Compact test device

- FULLY DRIES THE INTERIOR OF CYLINDERS
- NO DROPS THANKS TO THE INTEGRATED WATER COLLECTING TANK

The cylinder drying device BTG is used to dry steel or aluminium compressed gas cylinders with hot air, e.g. after hydrotesting. Up to 5 containers can be dried simultaneously. The wet containers are placed "upside down" over the individually lockable air pipes. The residual water is collected in the collecting tank.

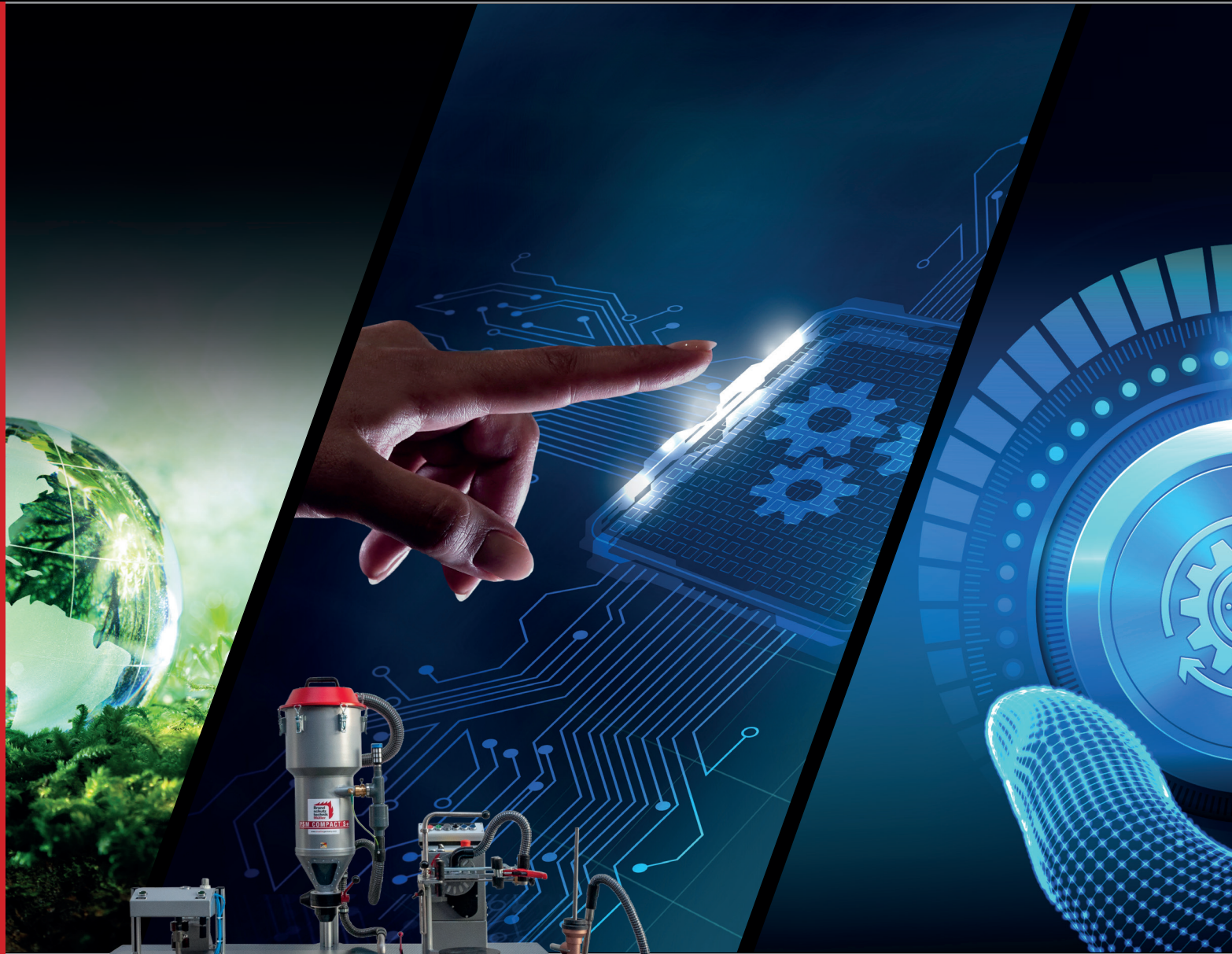
A side channel compressor with heating and thermal monitor blows hot air into the containers. The drying time depends on the temperature set by the control electronics and the size of the containers.

Fire extinguisher servicing workshop Everything from a single source

- CUSTOM PLANNING OF EXTINGUISHER WORKSHOPS
- ON-SITE MEASUREMENT AND INSTALLATION POSSIBLE
- PLANNING AND DEVELOPMENT OF SERVICE VEHICLES

Are you planning a fire extinguisher servicing workshop or a mobile service unit on 4 wheels? With Brandschutztechnik Müller you get everything from one source – from planning through to production and installation. You benefit from our 40 years of experience in improving and implementing fire extinguisher servicing. Contact our team and we will be pleased to advise you.





Brandschutztechnik Müller GmbH | Kasseler Straße 37 - 39 | 34289 Zierenberg | Germany
Phone: +49 (0) 56 06 51 82 - 50 | Fax: +49 (0) 56 06 51 82 - 55 | E-Mail: fertigung@brandschutztechnikmueller.de

www.muellergermany.com