



ST-3846-2007

SYSTEMATIC FIRE EXTINGUISHER TRAINING

FIRE TRAINING PAN AND TRAINING EXTINGUISHERS

DETECTION
PERSONAL PROTECTION
DIVING TECHNOLOGY
SYSTEM TECHNOLOGY
SERVICES

Drägersafety



The correct use of fire extinguishers can nip hazardous situations in the bud.

EVERY YEAR, THE FINANCIAL IMPACT OF FIRE DAMAGE IS IMMENSE. A MAJOR PART OF THIS COULD BE PREVENTED BY ENSURING A FAST ENOUGH RESPONSE IN THE EARLY STAGES OF A FIRE AND BY FOLLOWING THE CORRECT EXTINGUISHING PROCEDURES. ALL TOO OFTEN, HOWEVER, THE ATTEMPT TO FIGHT THE FIRE FAILS SIMPLY BECAUSE THE FIRE EXTINGUISHER IS DEPLOYED INCORRECTLY.

During the first few minutes of a fire it is crucial that no mistakes are made, as there is only a limited amount of time available during which you can attempt to extinguish the blaze. If staff have been trained properly, there will be no delay in the response time, efficient initial action will be taken and serious and expensive consequences avoided.

Rule out the risks!

No matter whether we are talking about industrial settings or the building trade, hotels or restaurants, office buildings or companies – employing anything from four to four thousand people – the risk that untrained staff will not react correctly in extreme situations is the same anywhere. After all, fighting a fire is hardly a routine task in any branch of industry.

Solutions developed by professionals, with professionals.

For many decades, Dräger Safety has worked in close cooperation with fire brigades to develop and optimize training systems, measurement and detection equipment, and personal protection equipment designed to give users the best possible preparation to cope with extreme situations and to provide them with the highest possible level of protection. As a result, our every solution benefits from the experience acquired by professionals.

No need to get hot under the collar about fire prevention.

Admittedly, nobody likes to think about the possibility of a fire breaking out in their workplace. However, fire prevention – and

the need to comply with legal requirements – should be high on the agenda of anyone responsible for human resources and property. Educational films and lectures are not enough. In a fire hazard situation, it is only practical experience which counts. Our response is to provide an innovative training system which can be used to give non-specialists effective training in how to tackle fires, with a minimum time investment. The knowledge that your staff could not be better prepared to deal with emergencies gives you a reassuring feeling of safety which is worth its weight in gold.

Dräger fire training pan and Dräger training extinguishers: The systematic route to training success.

THIS PATENTED DRÄGER FIRE EXTINGUISHING TRAINING SYSTEM, COMPRISING A GAS-FIRED PIT AND OUR NEW TRAINING EXTINGUISHERS, IS A HIGH QUALITY MOBILE UNIT WHICH CAN BE USED TO VIVIDLY REPRODUCE A WIDE RANGE OF FIRE SCENARIOS AND REALISTICALLY SIMULATE THE USE OF STANDARD TYPES OF FIRE EXTINGUISHER. A SYSTEM BOASTING IMPRESSIVE STANDARDS OF SAFETY AND EFFICIENCY.

The Dräger fire training pan was specially designed to train personnel in how to fight fires with fire extinguishers. It is a remote-controlled fire seat which can be fitted with a range of "props" to generate realistic flames typical of different fire types, e.g. solid, liquid and electrical fire. The simulated fires are then actively tackled by the trainees using the training extinguisher.

The Dräger training extinguisher is a genuine innovation!

Using only water and compressed air, the training extinguisher simulates the spray patterns emitted by powder, foam and CO₂ extinguishers. Using this training device saves the costs of real handheld extinguishers and the time and cost involved in preparing them for reuse.

There is also no need to clean the fire pit or training area. The Dräger training extinguisher can be quickly refilled, meaning that it is immediately ready for use again.

Achieve your training goals systematically:

- Identify the causes of fire and learn to correctly assess fires
- Correctly operate handheld fire extinguishers
- Give consideration to factors such as wind speed, draughts, angle of incidence and distance
- Learn appropriate extinguishing tactics, fighting the fire in bursts and on a point-by-point basis
- Monitor and tackle reigniting fires

Only Dräger Safety allows you to monitor the success of the fire extinguishing attempt.

Just because you can no longer see any flames doesn't mean that the fire has been successfully extinguished. An automatic extinguishing success monitoring function can be activated which uses thermal sensors in the pit to check whether in fact the fire has been put out. If the flames have been extinguished but the temperature is still too high, the fire may reignite.

The Dräger fire training pit: everything under control. With one control element.

THE DRÄGER FIRE TRAINING PAN ALLOWS REALISTIC FIRE SITUATIONS TO BE CREATED. IT COMPRISES A STABLE STAINLESS STEEL TUB WITH A GRID OVER A WATER BATH. THE FIRE IS LIT USING GAS ON THIS GRID. THE INSTRUCTOR USES THE HANDHELD REMOTE CONTROL UNIT TO SAFELY CONTROL AND MONITOR ALL THE FUNCTIONS OF THE FIRE PAN.

Stable fire training pan

Made of stainless steel and fitted with thermal sensors.

Sturdy technology box

To protect the gas and electrical systems and monitor the extinguishing success.

Flexible power supply

Using either a mains power source or rechargeable gel battery, depending on product type.

Handheld remote control unit

To regulate the gas supplied to the fire simulation, to operate the active fire props and to activate the extinguishing success monitoring function, including emergency stop button.

Transport castors
For mobility and flexibility.

Active and passive props

If the props are not properly extinguished, the fire will spread to the fire training pan (wide-area fire).

Water bath

To ensure realistic flame patterns. Propane gas flows through the water and ignites at the surface.

Practical transport handle

Which also allows the unit to be parked in a stable position.



Examples of active and passive props.



Wood pile (active prop).



Waste paper basket (active prop).



Saucepan to simulate a fat explosion (active prop).



Monitor (passive prop).



A genuine innovation: The Dräger training extinguisher.

DEVELOPED FOR FIRE PREVENTION TRAINING, THE NEW DRÄGER TRAINING EXTINGUISHER IS JUST AS EASY TO OPERATE AS A "REAL-LIFE" EXTINGUISHER – THE TIME BEFORE THE EXTINGUISHER IS FULLY DISCHARGED CAN ALSO BE SET TO A REALISTIC PERIOD. ALTHOUGH THE TRAINING EXTINGUISHER IS FILLED ONLY WITH WATER AND COMPRESSED AIR, MAKING IT EXTREMELY ECO-FRIENDLY, ITS SPRAY PATTERN SIMULATES ALL STANDARD TYPES OF FIRE EXTINGUISHING AGENTS, WHILE OFFERING LOW COSTS OF OWNERSHIP. CONVENIENT AND EASY TO REFILL, EVEN LARGE NUMBERS OF TRAINEES CAN BE DEALT WITH WITHOUT ANY PROBLEM.

Handles just like a real extinguisher

With safety pin, lever, clip and push-button.

Hose and nozzle

Identical to the genuine article (ensuring equal time for extinguishing).

Patented nozzle system

To generate a realistic spray pattern.

Perfect simulation

Of powder, foam, CO₂ and water.

Refill with water and compressed air

Fast, inexpensive, eco-friendly.





Our quality standards go well beyond TUEV approval.
For the sake of your safety.

IF SOMETHING IS GOING TO MAKE YOU FEEL SAFE, IT MUST BE RELIABLE
AND SAFE TO OPERATE AND WITHSTAND TOUGH USE.



Dräger Safety Academy: theoretical and practical training.

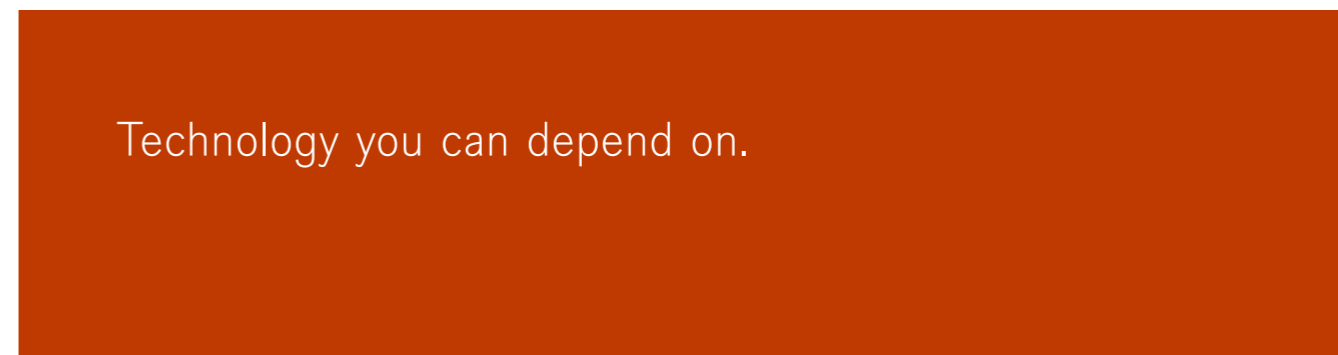
To ensure optimum protection of instructor and trainees, Dräger Safety insists on high quality materials and particularly stable and durable workmanship, not to mention the simplest possible operation. Safeguards to prevent hoses from breaking, a pressure reducer and a remote control unit to ignite the fire in the training pan from a distance are all features designed to reassure you.

Familiarize yourself with emergency scenarios before they occur: the Dräger Safety Academy.

Fear and panic are always poor advisers. The Dräger Safety Academy gives you the opportunity to practise how to respond correctly in extreme situations and remain safe. A course is available, for example, in which experienced instructors provide theoretical and practical training for people wishing to become fire prevention helpers, teaching them how to act professionally in an emergency. Our practical seminar on "how to handle fire extinguishers" focuses specifically on the use of handheld fire extinguishers. If it suits you better, this course can also be run at your premises – why not just give us a call and let us know your needs?



Dräger Safety Academy: even professional fire-fighters take advantage of our services.



TECHNICAL DATA

Product	L x W x H [cm]	Weight [kg]	Electr. connections	Other connections/comments
Product overview of fire training pan				
Fire training pan incl. remote control	125 x 85 x 50	70	230V/50Hz/2A	Gas supplied from 33 kg propane cylinder Average consumption: 0.2 kg/participant, 2 mins./participant (30 participants = 6 kg per hour); approx. 50 litres of water to fill the pan with water bath technology
Props (active)				
Pile of fire wood	80 x 50 x 20	20		Gas (supplied from the fire pan)
Shelf	90 x 90 x 20	24		Gas (supplied from the fire pan)
Electric motor	75 x 30 x 35	12		Gas (supplied from the fire pan)
Electrical control cabinet	60 x 50 x 20	20		Gas (supplied from the fire pan)
Waste paper basket	60 x 40 x 35	12		Gas (supplied from the fire pan)
Props (passive)				
Monitor	50 x 30 x 40	18		
Saucepan incl. telescopic rod	40 x 40 x 20	12		
Product overview of training extinguishers				
Water fire extinguisher, 9 l	30 x 20 x 60	9		
Halon fire extinguisher, 1,2 kg	15 x 10 x 30	3		
Foam fire extinguisher, 6 kg	30 x 20 x 60	8		
Powder fire extinguisher, 12 kg	30 x 20 x 60	9		
Powder fire extinguisher, 50 kg	50 x 60 x 100	35		
Carbon dioxide fire extinguisher, 2 kg	30 x 20 x 60	6		
Carbon dioxide fire extinguisher, 5 kg	30 x 20 x 70	7		
Compressor incl. control unit for three extinguishers	60 x 35 x 70	50	230V/50Hz/16A	Start-up pressure 8 bar, max. operating pressure 10 bar
Water pressure regulator	60 x 35 x 60	35	230V/50Hz/16A	Water: screw-type connection; output pressure 4 to 8 bar

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