



HNE HiGUARD

**FIREFIGHTING SYSTEM
FOR POLICE**

FAST – LIGHT

FLEXIBLE

The HiGUARD is a portable firefighting system based on permanent pressure technology. It is designed for police and task forces.

MOLOTOV COCKTAILS

When demonstrations and protests turn into riots and molotov cocktails are thrown at policemen, the **HiGUARD** is powerful enough to extinguish burning people in a matter of seconds. Thanks to its low weight, a user remains mobile while being on duty.

PYROTECHNICS

Bengal flares and other pyrotechnics are a permanent threat in sports stadiums and at festivals. The optional pyro nozzle makes the **HiGUARD** the perfect device for putting out flares with a single well-aimed shot. One filling of the **HiGUARD 2** should suffice to extinguish twelve bengal flares without refilling!

SMALL FIRES

When there is a small fire, a user can start fighting it right away! Larger systems need a while to be set up, while the **HiGUARD** works straightaway after you grab it.



THE ULTRALIGHT WAY OF FIREFIGHTING

EXTREMELY MOBILE - IN ANY SITUATION

- only 10 kg (**HiGUARD 4**) when filled
- high agility for the user
- with backpack for maximum mobility

LIGHT VESSEL, HIGH PERFORMANCE

- 38 bar working pressure
- throw range of up to 13,5 metres
- stainless CFRP vessel for maximum stability

ENORMOUS VERSATILITY

- ideal for police or special forces
- exchange nozzles that give more options
- available as **HiGUARD 2**, **HiGUARD 4** or **HiGUARD 6**



HiGUARD 2



The **HiGUARD 2** has a filling volume of two litres and weighs only 6 kg!

This compact model of the **HiGUARD** series is an extremely powerful system for fighting pyrotechnics.

With such a low weight, police keep their mobility and still can extinguish twelve flares with one filling!

You can refill the device in a few minutes and continue fighting the fire!

HiGUARD 6



The **HiGUARD 6** has a filling volume of six litres and weighs only 12 kg!

The higher volume and slightly longer throwing range make it more fit for fighting small fires and burning caused by molotov cocktails!

One filling is more than enough to extinguish a person on fire.

Just like the **HiGUARD 2** it can easily be refilled on site!

The third available model is the **HiGUARD 4** which uses the same vessel as the **HiGUARD 6**. With a filling volume of four litres the weight of the **HiGUARD 4** goes down to only 10 kg!

EXCHANGE NOZZLES

The **HiGUARD** system is equipped with our most recent technology.

The multifunctional pistol has a quick exchange nozzle system, which allows you to exchange the nozzles in mere seconds.

Besides the standard jet nozzle, there is an optional pyro nozzle designed for fighting pyrotechnics such as bengal flares. With a nozzle extension it is even easier to put out flares on the ground.

Charging the **HiGUARD** with compressed air works via the pistol! To reload the device you just attach the compressed air bottle to the coupling of the pistol via the refill adapter.



Pyro Nozzle



Nozzle Extension



Standard Nozzle

CARBON VESSELS

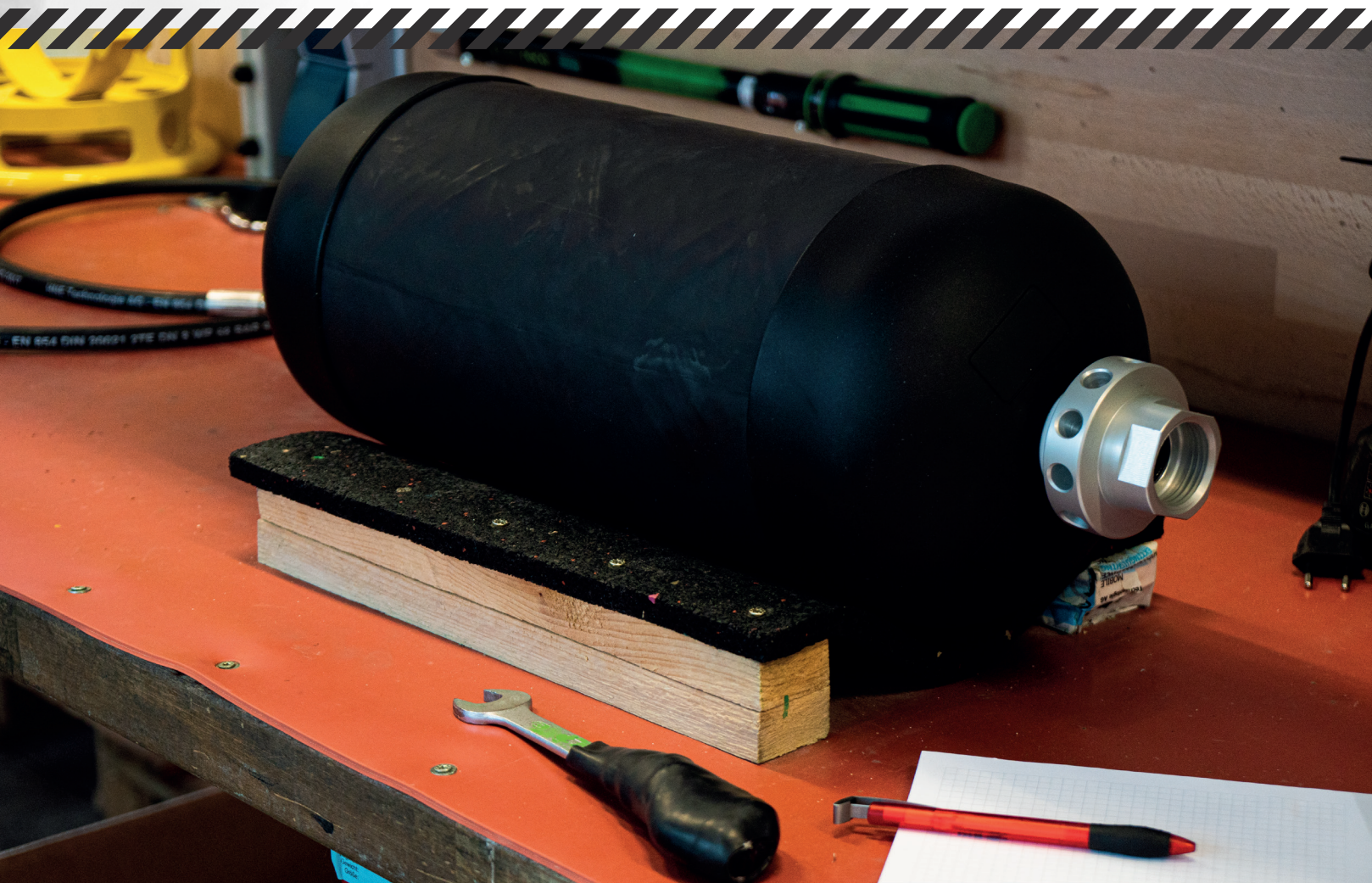
Vessels made of CFRP (carbon fibre reinforced polymer) are way lighter than metal ones, but they are resistant to the same amount of pressure!

Therefore, **HiGUARD** systems bring high-performance while being ultralight. Our **HiGUARD 6** has a volume of six litres, but weighs only 12 kg when filled! The **HiGUARD 2** only 6 kg!

Apart from high stability, the carbon vessels have further advantages: being corrosion-free and having near unlimited lifespan!

Pressure Vessels made of CFRP

- ultralight and high-pressure resistant
- extremely elastic
- more safety reserves
- near unlimited lifespan, corrosion-free



TECHNICAL SPECIFICATIONS

| TECHNICAL SPECS | HiGUARD 2 | HiGUARD 4 | HiGUARD 6 |
|------------------------|----------------|----------------|----------------|
| Vessel Volume | 3 litres | 9 litres | 9 litres |
| Filling Volume | 2 litres | 4 litres | 6 litres |
| Propellant | compressed air | compressed air | compressed air |
| Working Pressure | 38 bar | 38 bar | 38 bar |
| Throwing Range (water) | app 12,5 m | app. 13,5 m | app. 13,5 m |
| Performance Rating | in progress | in progress | in progress |
| Range of Temperature* | -25°C to 60°C | -25°C to 60°C | -25°C to 60°C |
| Weight (empty) | app. 3,8 kg | app. 6 kg | app. 6 kg |
| Weight (filled) | app. 5,8 kg | app. 10 kg | app. 12 kg |
| Height | 470 mm | 670 mm | 670 mm |
| Diameter | 120 mm | 180 mm | 180 mm |
| Certification | in progress | in progress | in progress |

* with frost-proof foam agent

Fire Types



PORTABLE

Firefighting Systems
from 9 to 13 litres

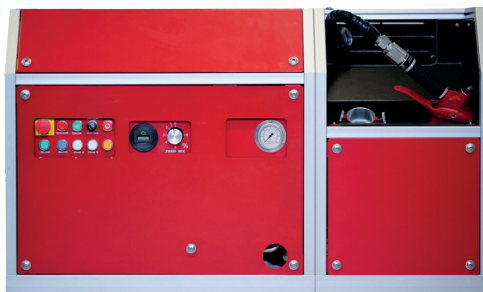


INTEGRATED

Modular, Variable
Fire Protection System

MOTORIZED

Water, Foam and
CAFS Units



HiGUARD SERIES

For Police &
Task Forces