



NEPIRO

High Pressure Fog Gun

 rosenbauer

For greater effectiveness.

Safety and ergonomics in confined space fire-fighting.



During indoor operations in particular, it is of decisive importance that fire-fighters can rely entirely on their equipment.

The NEPIRO high-pressure fog gun sets new benchmarks with regard to effectiveness, operational safety and ergonomic design.

Optimum extinguishing

The combination of high-pressure technology and O-stream nozzle facilitates the especially fine atomisation of the water. The small droplets evaporate completely and thus extract a maximum amount of energy from the fire. In practical terms, this results in the optimum extinguishing effect of the agents employed.

NEPIRO jet adjustment

The shape of the jet can be adjusted to the operational conditions in a flash by simply rotating the nozzle. There is just a quarter turn between full jet and fire-fighter protection water shield, which means that the complete range of adjustments can be used without a change of grip.



Full jet



30° narrow spray



60° wide spray



Self protection water shield



Outstanding foam quality

The protective cover on the nozzle can be removed and a foam barrel (option) can be locked onto the gun. Lateral air vents, spray separators and a baffle plate ensure excellent foam stability and a high expansion ratio.



Fixture

The specially designed NEPIRO fixing device provides safe storage of the gun in the vehicle.

Ergonomic design

As a result of the special design of the gun, recoil is conducted directly into the rear hand and the pistol lies in a completely neutral grip. The front hand is free to guide or adjust the spray.

Water can be applied in short shots or in finely gauged volumes using the self-locking trigger. In the case of lengthy operations, the large support area allows the NEPIRO to be comfortably rested on the body.

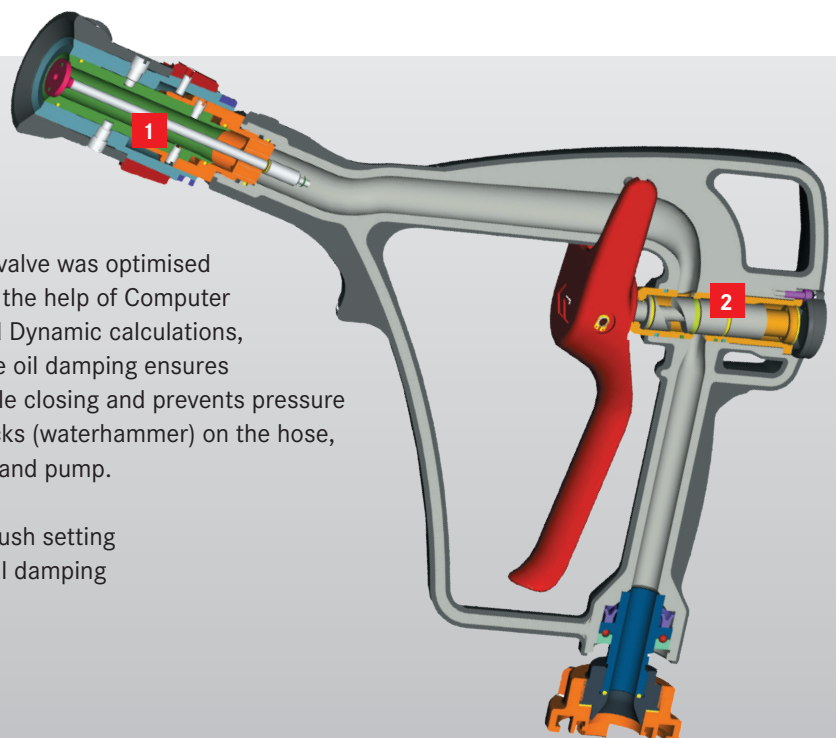
Operational safety

Anodised cast aluminium for the body of the gun, hard-coated aluminium for the nozzle and special stainless steel valve pistons make the NEPIRO wear-resistant, but nonetheless very light. A special plastic coating (PUR) provides protection for the nozzle and the body against mechanical loads

The flush setting of the nozzle and the special design of the valve allow the washing out of impurities of up to 5 mm during operations. The gun is thus safe against clogging.

The valve was optimised with the help of Computer Fluid Dynamic calculations, while oil damping ensures gentle closing and prevents pressure shocks (waterhammer) on the hose, reel and pump.

1. Flush setting
2. Oil damping



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Technical data:

Flowrate	High-pressure version 0 - 200 l/min at 40 bar Normal pressure version 0 - 180 l/min at 10 bar
Spray types	O-stream nozzle with infinite adjustment and ball catch for: <ul style="list-style-type: none">▪ Full jet▪ 30° spray▪ 60° spray▪ 120° self protection water shield▪ Flush with spring return
Throw range	Up to 30 m with full jet
Valve	Self-locking valve with oil damping and wear-resistant, stainless steel piston
Housing	Cast aluminium with plastic coating (PUR) Large support area for resting the fog gun on the body, protective bar prevents involuntary actuating the trigger
Feeding	Ball bearing mounted rotary feedthrough with a G3/4" outer thread, various coupling systems
Dimensions	Incl. brass coupling STORZ 38 L x B x H approx. 540 x 80 x 350 mm
Weight	Incl. brass coupling STORZ 38 approx. 3.1 kg

Versions

063783-001	NEPIRO Ergo high-pressure with STORZ 38 coupling
063783-002	NEPIRO Ergo high-pressure with G 1" inner thread
063783-008	NEPIRO Ergo high-pressure with OETIKER SV coupling
063783-101	NEPIRO Ergo normal pressure with STORZ C coupling
522890-001	Foam barrel for NEPIRO Ergo
521504-001	Fixture for NEPIRO Ergo
052516-003	Velcro belt for fixture for NEPIRO Ergo
525863-001	Fixture for foam barrel

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