

IFEX 1 LITER IMPULSE GUN

The IFEX impulse gun is the centerpiece of impulse technology. The gun made of stainless steel consists of a power chamber, a high speed valve, a pistol grip with release mechanism and a water/agent chamber. The power source is 25 bar compressed air.



When the valve opens, the compressed air forces the agent out of the barrel at high velocity within milliseconds. The fire extinguishing agent is discharged with high momentum, high penetration effect and high fire cooling power.

water/agent tank capacity	1 liter
overall length / diameter	800 mm / 70 mm
weight, empty	6.8 kg
material cylinder	stainless steel SS 304
shoulder strap	flame resistant Nomex
high speed valve / piston	aluminum F 52 / titanium
pistol grip and trigger	cast aluminum
muzzle diaphragm	special rubber
release valve	SS 304 body - aluminum slide
water and air hoses	snap on connections
min/max agent per impulse shot	0.25 / 1.0 liter
max shot length	16 meters
width of spray / x meters from the gun	3.0 meters / 5 meters
operating / test pressure	25 bar / 40 bar
safety valve relief/opening pressure	35 bar
valve opening and closing time	20 milliseconds
velocity at muzzle	120 m/sec = 432 km/h
average droplet size	2 to 200 micron