

The universal hose- and safety valve testing unit is characterized by high efficiency, easy handling and effectiveness in LEAKAGE and PRESSURE testing.

Universal testing unit for the testing of:

- » Fire extinguisher hoses with nozzle
- » Fire extinguisher hoses without nozzle
- » Safety valves

The leakage and pressure testing procedure of safety valves for extinguishers (6 – 250 kg) is carried out with the help of adaptors selected according to make and type of safety valve.

For testing hoses with nozzle, you only require a nitrogen bottle as accessory.

The unit consists of:

- » Casing – steel construction
- » Pressure reducer – 50 bar
- » High-Pressure hose 2 m
- » Cover – macrolone
- » Safety control valve – Pressure is relieved when the cover is open
- » Pressure hose 0 – 25 bar
- » Fittings: 4 pcs.
 - 1 x M 18,5 x 1,5
 - 1 x 1/2"
 - 1 x M 22 x 1,5
 - 1 x M 22 x 1,5, konisch dichtend

Optional accessory:

for testing of safety valves, adaptors according to the type of extinguisher are necessary



TECHNICAL DATA

Dimensions (l x w x h): approx. 800 x 200 x 400 mm
Weight: approx. 8 kg
Colour: hammer finish painted blue or silvergrey



The helium leak detection unit is for testing of pressurized extinguishers for any leakage.

Due to the fast automatic operation of the helium leak detection unit in connection with the accuracy of the helium detector, the operator is able to recognize immediately whether an extinguisher is leaky. The leak detection is effected according to the EN3 standards.

The two separate hoods guarantee a mutual test and insertion or removal and therefore, a rational functioning. The unit is made in a tubular steel construction and cased with aluminium streamline strut and aluminium sheets.

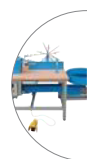


TECHNICAL DATA

Dimensions (l x w x h):	approx. 1700 x 1700 x 2100 mm
Max. working height:	approx. 2500 mm
Motor:	230/400 V, 32 A, 50 Hz
Compressed-air:	10 – 12 bar
Volume of chamber:	approx. 50 ltr.
Weight of the unit:	approx. 1500 kg
Colour:	hammer finish painted blue or silvergrey

Admitted dimension of extinguisher:

» Max. (l x w) (with all components):	240 mm
» Max. total height (with armature):	650 mm



The high-pressure extinguishing unit FIRE-KILL is a portable High-Pressure pump with integrated water tank.



The construction of the supporting frame correspond to DIN 14410 and therefore, can be placed inside the fire fighting vehicle. An extinction time of 7 minutes for fighting small and developing fires or fire of vehicles can be guaranteed by the water tank (100 l) with full pump capacity (14 l/min). This time can be extended unlimitedly by an additional water connection (Storz C).

A large radius of action is given due to the length of hose of 50 m.

An efficient fire fighting is reached due to the atomization of water with up to 220 bar.

The high-pressure pump is driven by a 4-cycle-1-cylinder motor with 389 cm³ (max. capacity 13 PS).

TECHNICAL DATA

Motor:

- » Type: 4-cycle 1-cylinder motor
- » Cylinder capacity: 389 cm³
- » Max. capacity: 9.6 kW (13 PS)/ 3600 rpm
- » Max. torque: 26.5 Nm/2.500 m-1
- » Fuel consumption: 258 g/kWh (190 g/PSH)
- » Fuel content: 6.5 l, regular petrol non-lead

- Pump: 3-piston-pump, 220 bar
 Capacity: 14 l/min
 Feed time: for 100 liter 7.14 min with highest capacity

- Pressure regulation: 0 – 200 bar by adjusting valve with pressure indicator (pressure gauge)

- Water tank: with tank ventilation
 Tank filling: through filling nozzle C with stopcock
 Water tank content: 100 l
 Weight: empty 100 kg – filled 210 kg

- HP-windlass: with aquiferous axis and crank, 50 m high-pressure hose and a HP-nozzle
 1000 mm with fan jet of 40°

- Total length: approx. 1000mm
 Dimensions (l x w x h): approx. 675 x 730 x 1000 mm



The hose binding unit binds couplings of pressure and suction hoses with a coupling internal diameter of 34 – 110 mm. (A-D)

The unit consists of:

- » Three-jaw chuck
- » Height adjustable wire windlass
- » Wire guidance
- » Height adjustable hose guidance
- » Hose drum
- » Binding motor

The hose binding unit binds couplings of suction and pressure hoses with a coupling internal diameter of 38 – 110 mm.

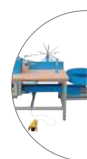


TECHNICAL DATA

Motor:	230/400 V, 10 A, 50 Hz
Construction:	steel construction
Dimensions (l x w x h):	approx. 1750 x 1000 x 1550 mm
Weight:	approx. 80 kg
Colour:	hammer finish painted blue or silvergrey

Optional available at extra charge:

- » Locking ring removal tool
- » Hammer
- » Pliers
- » Special binding wire-in rings of (10 kg each) Ø 1.4 or 1.8 mm



Fire extinguisher performance test unit, model EPT-12/700

The fully automatic fire extinguisher performance test unit model EPT-12/700 tests the minimum functional duration of a portable powder extinguisher from 1 to 12 kg depending on the remaining quantity of dry powder. The unit works according to DIN EN3-7, absolutely dust-free and is appropriate for all types of powder.

The unit is equipped with:

- » Siemens-Touch PC with colour laser printer
- » Siemens SPS-control system
- » FRITZ EMDE-software
- » Digital scale, 30 kg with 5 g resolution
- » Sound absorbing and high capacity vacuum pump mounted in a vibration-proof way
- » Pressure sensor to determine the powder jet
- » Internal powder storage tank with a capacity of 100 kg

- » Manual quick-action clamping device
- » Lockable door

The following parameters can be determined and indicated:

- » Deletion time
- » Time of full extinguisher
- » Time of empty extinguisher
- » Remaining powder quantity inside the extinguisher

Maximum size of the extinguishers:

- Height: max. 700 mm
 Diameter: max. 200 mm



TECHNICAL DATA

Construction:	aluminium construction
Dimensions (l x w x h):	approx. 2500 x 900 x 2150 mm
Compressed-air:	approx. 4 – 6 bar
Motor:	3-phase 400 V, 50 Hz, 12 A
Weight:	approx. 400 kg
Colour:	hammer finish painted blue

Optional available at extra charge:

- » Pneumatic clamping device
- » Automatic emptying of the powder storage tank
- » Test standard according to US-standards or BS
- » Further test units according to DIN EN 3 standard (densification, compression test, burst test, impact strength, ageing test)

Cycle test unit for L.P.G. valves, model VT-12S

The cycle test unit for L.P.G. valves model VT-12S tests gas valves for the durability and the internal/external impermeability according to DIN EN 13153/2001. The test pressure of the unit is 12 bar. The unit can be equipped manually in addition with a weight of 500 N to open and close the hand wheel under load. The number of cycles can be determined freely or test can be made according to DIN standards.

The unit is equipped with:

- » Siemens-Touch PC with colour laser printer
- » Adjustable rotation speed
- » Adjustable dwell time for opening and closing
- » Cycle counter
- » Max. cycles 20000 pieces
- » Clamping device for the valves to be tested
- » Internal, sound absorbing air compressor 16 bar

The following parameters can be determined and indicated:

- » Total test time
- » Exact thread stroke
- » Density of the valve
- » Operation hour counter

**TECHNICAL DATA**

Construction:	aluminium construction
Dimensions (l x w x h):	approx. 1600 x 800 x 2100 mm
Compressed-air:	16 bar (self-supply)
Motor:	3-phase 400 V, 50 Hz, 12 A
Weight:	approx. 220 kg
Colour:	hammer finish painted blue

Optional available at extra charge:

- » Pneumatic clamping device for the valve
- » Test standard according to US-standards or BS
- » Further test units according to DIN EN 13153 standard (temperature test, impact test, water pressure test)

