

WHX - FIRE HOSE REEL TESTER

Testing device for pressure and flow measurement of wall hydrants hose reels according to DIN 14462 and TRVB 128 S



The fire hose reel tester WHX was specifically developed for testing wall hydrants hose reels of types F and S according to DIN 14462:2023-07. The testing device enables precise measurement of the defined ranges from 24 l/min at 2 bar ... 600 l/min at 4.5 bar (6.3 USgpm at 29 psi ... 159 USgpm at 65.3 psi), taking into account simultaneous usage.

The VdS approval underscores the high quality and reliability of the device, making it a dependable choice for professional testing. Thanks to versatile adaptation options for collection containers, the WHX offers maximum flexibility and is ideal for a wide range of application conditions.



ADVANTAGES

- » Quick and easy determination of the necessary parameters
- » Comparability of measurement results through calibrated measurement systems (VdS certificate G 424016)
- » Compact, sustainable solution through the use of high-quality components



TECHNICAL DATA












System

Operating pressure	Max. 16 bar (232 psi)
Flow	Max. 600 l/min (159 USgpm)
Medium	Water
Temperature range	4 °C ... 50 °C (39 °F ... 122 °F)
Accuracy class (pressure gauge)	0.5
Weight testing device	Approx. 3.4 kg (7.5 lbs) (entire set in case approx. 7.3 kg (16.1 lbs))
Dimensions testing device	440 x 340 x 120 mm (17.3 x 13.4 x 4.7 in)
Certificates	VdS G 424016



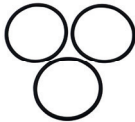




Flow measurement ranges

Minimum flow rate at minimum flow pressure l/min (USgpm)	Minimum flow pressure		Maximum flow pressure	
	MPa	bar (psi)	MPa	bar (psi)
24 / 48 (6.3 / 12.7)	0.20	2.0 (29.0)	1.20	12.0 (174)
100 / 200 / 300 (26.4 / 52.8 / 79.3)	0.30	3.0 (43.5)	0.80	8.0 (116)
200 / 400 / 600 (52.8 / 105.7 / 158.5)	0.45	4.5 (65.3)	0.80	8.0 (116)

PRODUCT AND ACCESSORIES

Order code	Description	Figure
WHX0-Set2	Fire hose reel tester WHX with digital manometer, transport case, 8 measuring orifices, calibration certificate, fixing aid, 3 spare gaskets, conversion table and operating instructions	
ZB-WHX-007	Calibration certificate for WHX	
ZB-WHX-019	Connection adapter with G2 external thread: Adaption to mobile flushing container and holder for measuring orifices	
ZB-WHX-027	Screw cap DN 150 set for IBC containers: Screw cap, connection adapter incl. seal, 45° elbow bend with G2	
ZB-WHX-028	Connection bend set 45° for mobile flushing tank: Connection adapter incl. seal, 45° elbow bend with G2	
ZB-WHX-029	Connection bend set 90° for mobile flushing tank: Connection adapter incl. seal, 90° elbow bend with G2	
ZB-WHX-030	Storz C adapter set: Connection adapter incl. seal, fixed Storz C coupling	
ZB-WHX-031	Connection bend 45° with G2	
ZB-WHX-032	Connection bend 90° with G2	
ZB-WHX-033	Screw adapter G2 to G2 ½ for connection bends 45° and 90°	
ZB-WHX-TC	Transport case 502 x 415 x 141 mm (19.8 x 16.3 x 5.6 in)	

REPLACEMENT PARTS

Order code	Description	Figure
ZB-WHX-002	Digital Pressure Gauge 232 psi (1.6 MPa), CL 0.5, quick coupling	
ZB-WHX-006	Fixing aid stainless steel	
ZB-WHX-008	Sealing ring orifice (3 pieces)	
ZB-WHX-009	Union nut (red)	
ZB-WHX-010	Pistol grip (red)	
ZB-WHX-005	Measuring orifices set in stainless steel DIN 14462, consisting of 8 measuring orifices from Qv 24 ... 600 l/min	
ZB-WHX-011	Measuring orifice in stainless steel volume flow 24 l/min at 0.20 MPa	
ZB-WHX-012	Measuring orifice in stainless steel volume flow 48 l/min at 0.20 MPa	
ZB-WHX-013	Measuring orifice in stainless steel volume flow 100 l/min at 0.30 MPa	
ZB-WHX-014	Measuring orifice in stainless steel volume flow 200 l/min at 0.30 MPa	
ZB-WHX-015	Measuring orifice in stainless steel volume flow 300 l/min at 0.30 MPa	
ZB-WHX-016	Measuring orifice in stainless steel volume flow 200 l/min at 0.45 MPa	
ZB-WHX-017	Measuring orifice in stainless steel volume flow 400 l/min at 0.45 MPa	
ZB-WHX-018	Measuring orifice in stainless steel volume flow 600 l/min at 0.45 MPa	