

Competence creates Confidence.



• Model no. 1656

COIL PRESSURE TESTER

UNI 9349
Paragraph 5.5



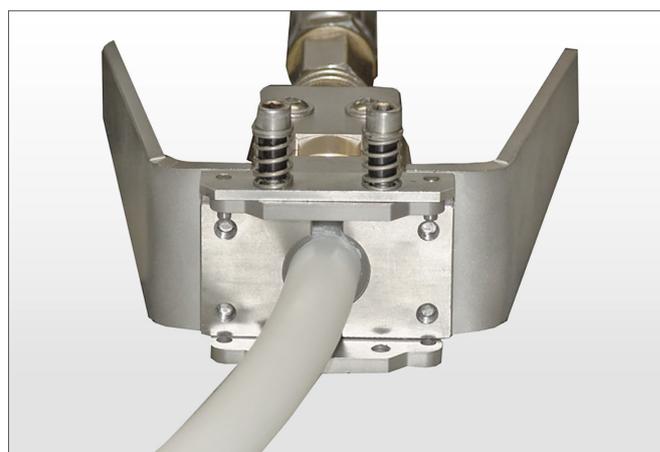
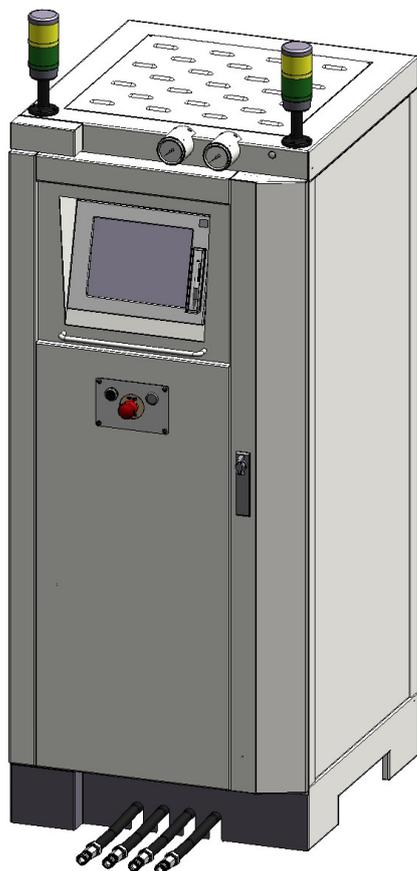
Leak test in
series production

Ensuring the durability of plastic pipes

Pressure test unit for leakage testing on plastic pipes in series production up to max. diameter D 32 mm and a max. sample length of 500 meters. For the compressed air supply a compressor with 40 bar and at least 600 l/min with dry and not oil-free air is required. For each pipe size a pair of end closures is necessary. Equipped with the IPT-User Interface(PC) and IptDataLogging®, for data transmission and printer connection.

The internal diameter of the test sample (coil) is checked before the pressure test. For this purpose, a ball is blown through the test sample using compressed air. If the internal diameter is larger than the test ball, the ball is detected at the end of the test sample by a ball catch and the pressure test can start.

If the internal diameter is smaller than the test ball at any point, the test ball gets stuck. The position of the test ball can then be detected with the ball detecting device. This requires a coiling machine. The test sample is cut next to the test ball in order to remove the test ball. The customer must ensure reliable protection (e.g. with a burst chamber) of the operators during the test.



Standard features

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- Convenient operation and clear visualization via user interface (PC)
 - Automatic monitoring of operating states
 - Interface to IPTDataLogging®
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Options

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- Data input, evaluation and documenting of testing data via IPT DataLogging software (PC)
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V1656-0005

**Design of
COIL PRESSURE TESTER**

Samples		Thermoplastic material
Material		Pipe, coiled to form a coil
Type		DN 16 / DN 20 / DN 25 / DN 32
Diameter		
Pressure tester		
Dimensions (W x D x H)	mm	1,150 x 820 x 2,010
Weight	kg	150
Test medium		Compressed air
Diameter of the test balls	mm	11 for DN 16 15 for DN 20 19 for DN 25 25 for DN 32
Electric data		
Voltage data		230 V 50/60 Hz
Power consumption	VA	220
Fuse protection	A	10
Compressed air		
Compressor	bar	40
Air consumption	l/min	Min. 600
Requirements		dry (water-free), unoiled
Connection	Inches	G 3/4 (female thread)
Ball detecting device		
Dimensions (W x D x H)	mm	450 x 450 x 1,650
Weight	kg	32
Frame		
Dimensions (W x D x H)	mm	450 x 450 x 1,320
Weight	kg	27
Environmental conditions		
Noise emission	dB(A)	< 70
Ambient temperature	°C	15 – 40
Relative humidity	%	Max. 70 non-condensing
Installation location		inside