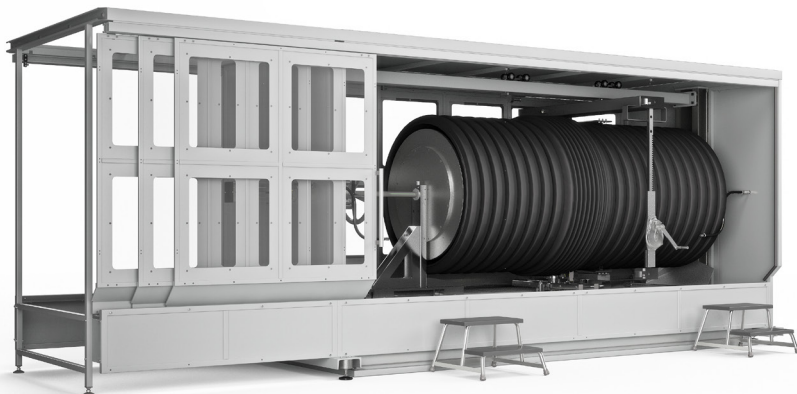


Model no. 1771

COMBITEST TEST STANDS



According to

ISO 13254

ISO 13259

The Combiteest test stand is used to carry out leak tests on pipe connections. The test stand consists of a test chamber with sliding doors. The sliding doors are used for protection against water jets when the test sample leaks. The supply unit is set up outside the test chamber. A crossbeam is installed at the top of the chamber to support the installation and removal of the test sample. The crossbeam is used to attach hoisting slings for installing and removing test samples. The test sample is clamped between two bearings. In the pipe connection area, the test sample is mounted on a support that can be adjusted lengthwise and fixed with a trap. On one side, the bearing is mounted on a deflection slide. During the test, the deflection slide is deflected by a value according to the test standards.

THE FOLLOWING TESTS CAN BE PERFORMED

- > Tightness test with water at slow pressure increase
- > External overpressure by creating a vacuum inside the test sample

SIMPLE AND SAFE OPERATION

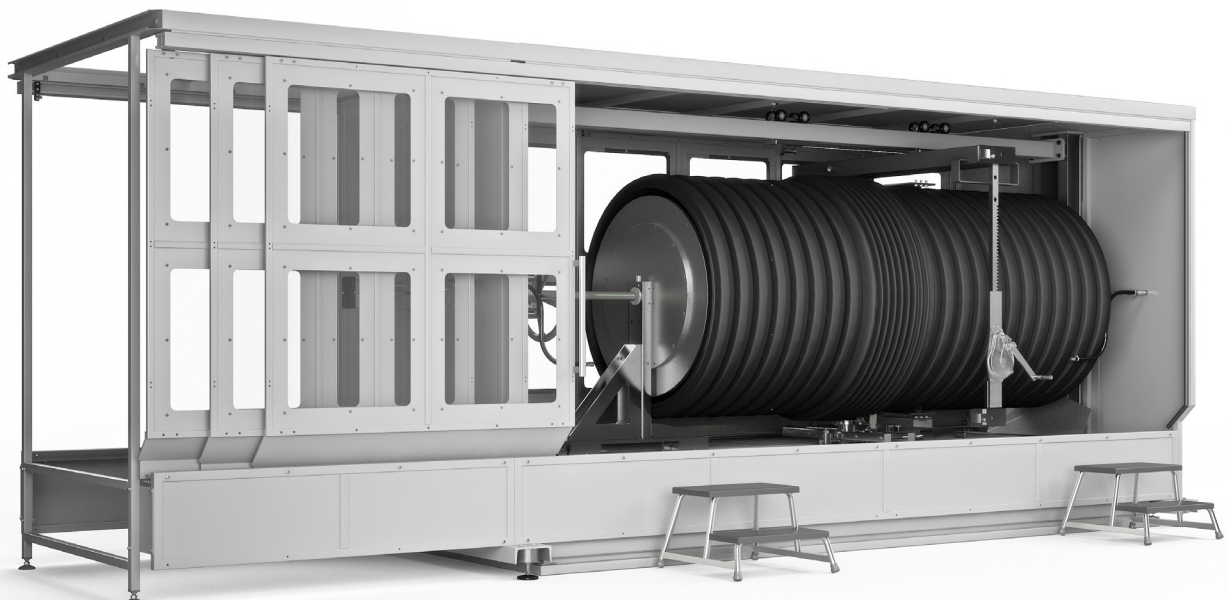
- > Supply unit operation takes place outside the test chamber

LASTING EFFICIENCY

- > High-quality equipment components to ensure high reliability, a long service life and low maintenance costs

THE SUPPLY UNIT INCLUDES

- > Electrical control unit
- > Pressure controller for the leak test
- > Pneumatic maintenance unit
- > Vacuum pump



VERSIONS COMBITEST TEST STANDS		V1771-0001
Pipe testing		✓
Shaft testing		–
PERMITTED TEST SAMPLES		
Pipe diameter	mm	200 to 1200
Material		Plastic
Shape		Corrugated pipe
TEST CONDITIONS		
Height of the pipe axis	mm	1350
Deviation for angulation	°	1 to 2 (corresponding to 25 mm to 43 mm)
Scaling	mm	1.0
TEST PRESSURE		
Pressure control		Automated
Pressure-measuring transducer	bar	-1.0 to +0.6
Quality of the pressure transducer		Class 0.05
Absolute measuring accuracy	%	0.05 of the final value of the pressure transducer
Control water	bar	0.5 + 0.05
Control air	bar	-0.3 ± 0.015
Pressure adjustment		by programming pressure regulator
Pressure supply	bar	tap water pipe 3.0 to 6.0
OPTION TEST SAMPLE SEALS		+
Seals		Pneumatic sealing ring
Compressed air for operating pneumatic seals	bar	6.0 to 10.0
Squeezing devices for deforming of pipes		+
✓ included + available/optional O eligible – not available * available on request		

VERSIONS COMBITEST TEST STANDS

Test chamber with housing (length x width x height)	mm	6700 x 2000 x 2500
Supply unit (length x width x height)	mm	860 x 820 x 1780
Test chamber with housing: weight	kg	Approx. 2600
Supply unit: weight	kg	Approx. 115
Operating noise emission	dB(A)	< 70
Voltage data		230/400 V, 50/60 Hz (other voltages on request)
CE conformity		✓
Permitted environmental temperature	°C	+5 to +40
Permissible relative humidity	%	max. 80 not condensating
Place of installation		in a building

✓ included

+ available/optional

○ eligible

– not available

* available on request

