

function

SCITEQ end closures are produced for pipes to be used for internal hydrostatic pressure testing. The end closures seal of the sample in order to generate internal pressure in the sample. The end closures comply with ISO 1167, ASTM D 1598, ASTM D 1599 or equivalent.

highlights

easy mounting

perfect sealing

dimensions up to Ø1200mm

high quality materials

unique design

version 08/2017

features

The SCITEQ end closures **model 1530** are produced in stainless steel.

Stainless steel has been selected for corrosion resistance, durability and weight. The length of the internal tie-bar (rod) is defined in the appropriate testing standard.

End closures with tie-bar are produced for pipes in PE, PVC and PP.

The construction varies slightly according to pipe sample diameter and required max. test pressure.



construction

End closures are produced with a specific depth from the O-ring to the internal bottom which ensures that the end closure is tight while pressurising. The pressure station is started while the bleed valve (screw) is open. When the sample is completely aired out, the test can be started. O-rings are produced from EDPM as for our other end closures.

The end closure system is a unique system that can be used for PVC, PP and PE pipes. The top end closure is supplied with a male connection and fitted with a screw operated bleed valve. Other connections and bleed valves may be supplied on request.

Max. test pressure depends on standard, specifications and pipe sample diameter. The construction varies according to pipe sample diameter and required max. test pressure.

We wish to give our partners the tools to produce to the highest standard, while helping them to produce as cost-effectively as possible with Q.C. tools throughout the factory.



sizes Ø12-32mm are fitted with external tie-bars

end closures model 1530

associated | equipment

▲ | essential equipment

pressure stations

burst stations

thermo tanks

hoses

sample hanging system

pc-sciteq software

end closure mounting

laboratory saw

SCITEQ — A Brand of Quality

technical specifications

Diameter range	Ø12mm and up to Ø1200mm
Material	Stainless steel
Connection	1/8" or 1/4" male connection and supplied with key operated bleed valve (screw operated)
Handling	Lifting eyes standard on all products
Pipe sample material	Suitable for PE, PVC, PP pipes
max. test pressure	Up to 100 bar (depending on standard, specifications and pipe sample diameter)
Spare parts	Refurbishment possible
Standards	ISO 9080, ISO 1167, ASTM D 1598, ASTM D 1599 and equivalent.
Pipe sample preparation	Chamfer angle 15°. Removed wall thickness max. 15 mm
Test temperature	20-95° Celsius
length of tie-bar	please specify free length (pipe length between end closures), lo, when ordering. As standard the free length is according to ISO 1167:2006, part 2.



high pressure hoses (accessories)



end closures model 1530 top & bottom

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