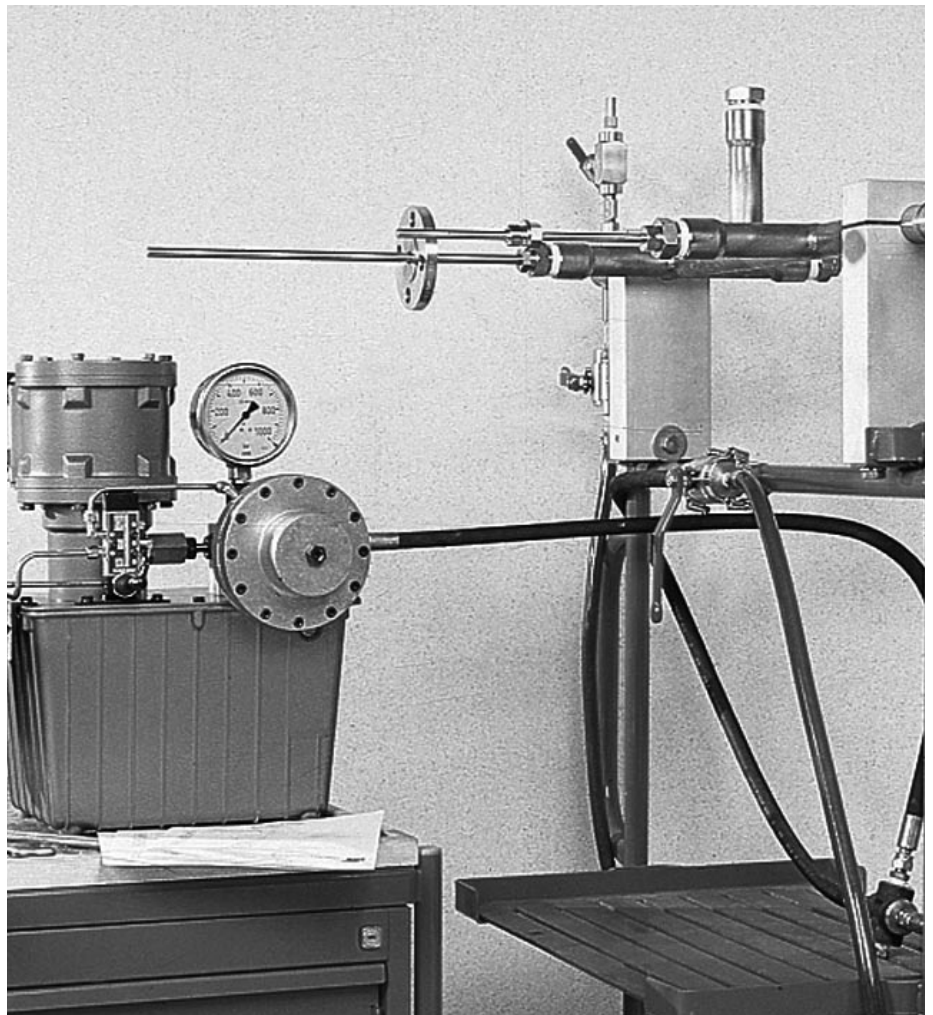


E+H

Hydrostatic test for thermowells



At E+H Temperature Production Centre, the total service approach is a standard....you can ask to a temperature supplier specialist!

Our Temperature Production Centre specialists know your problems and are qualified to support you with hydrostatic test for thermowells.

Quality made by
Endress+Hauser



ISO 9001

Endress+Hauser

Nothing beats know-how



Why hydrostatic test?

There are some critical applications of temperature processes where all thermowells, drilled or tubular, have to be submitted to a specific hydrostatic test. For example, DIN 43763 requirements define that all thermowells addressed to "Zone 0" areas have to be provided with a hydrostatic test.

Several high-tech industry standard specifications (i.e. ENI, MEU, SHELL, ESSO) have proper requirements for the subject test.

If required, the E+H laboratory service has the capability to test and certify thermowells in accordance to the applied specifications.

E+H standard tests

Standard tests are performed at ambient temperature with a maximum applicable pressure of 600 bar for a time period of 10 minutes each.

- Available internal and external pressure tests are defined in the table 1
- All hydrostatic pressure tests are certified

PRESSURE TESTS		
INTERNAL (without thermowells length limit)	Connection to thermometer	
	1/2", 3/4", 1" NPT-f 1/2" NPT-m 1/2"G M18 x 1.5, M24 x 1.5	
EXTERNAL (max thermowells length 1500 mm)	Threaded connection to process	Flanged connection to process
	1/2", 3/4", 1" NPT-m 1/4", 1/2", 1" G	DN25, DN40, DN50, DN80 1 1/2" 300LBS 1 1/2" 600LBS 2 1/2" 150LBS 1/2" 300LBS 1" 150LBS

Table 1

Order key

TZC124 - Hydrostatic test for thermowells

Order items ⁽¹⁾

A -

Hydrostatic test
Internal Pressure / External Pressure / Time Period ⁽²⁾

A1 - E+H Standard hydrostatic internal pressure test according to QPA9602

A2 - E+H Standard hydrostatic external pressure test according to QPA9602

A3 - E+H Std hydrostatic internal and external pressure test according to QPA9602

B1 - Hydrostatic test according to DIN 43763

Y9 - bar Internal Press..... bar External Press.....min Time Period

Number of hydrostatic test

9 - number of hydrostatic test

TZC124-

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Complete Order Code

Note (1): Order items herein listed have to be referred always to the same test
(2): QPA9602 is available on request

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