

Model no. 1599

## CHEMICAL TEST STAND



According to

ISO 8584

The chemical test stand performs creep rupture internal pressure tests on plastic pipes filled with chemical liquids that are exposed to elevated temperatures in a test oven. The test pressure generation occurs with gaseous media by means of a test stand model 1820. The test temperature is monitored and controlled in a range of 20 °C (with external cooling) to 200 °C. An external extraction unit can be connected, via which the vapours released during the test can be safely discharged. The chemical test stand has an interface to IptDataLogging®.

## EASY AND SAFE OPERATION

- > Convenient operation and clear visualisation via integrated touch display

## RELIABLE TEST RESULTS

- > Constant and highly accurate control of the medium temperature through intelligent temperature control
- > Precise compliance with test temperatures
- > Ensure a homogeneous temperature in the test ovens

## LASTING EFFICIENCY

- > High-quality unit components guarantee high reliability, a long service life and low maintenance costs

## STATE-OF-THE-ART TECHNOLOGY

- > Integrated touch display
- > Interface to IptDataLogging ®

## VERSION CHEMICAL TEST STAND

V1599-0003

Number of test chambers per unit		2
Number of test stations per test chamber		10 / 7
Maximum specimen diameter	mm	25 / 63
Maximum free specimen length	mm	200
Maximum test pressure (external pressure generation system required)	bar	60
Test temperature range without external cooling	°C	60 to 200
Test temperature range with external cooling	°C	20 to 200
Temperature parameterisation		Touch-Display
Pressure display		Touch-Display/IptDataLogging®
Heat exchanger medium (31.5 litres)		Silikone oil
Extraction connection		✓
Network connection		Ethernet 10/100 MB (RJ-45)
Heat exchanger connection		✓
Connection pressure generation system		✓
CE conformity		✓
Permissible ambient temperature	°C	+5 to + 30
Permissible relative humidity	%	max. 70 non-condensing
Noise emission	dB(A)	< 80
Width x depth x height	mm	1,300 x 1,425 x 2,100
Weight	kg	950
Voltage data		230/400V, 50/60 Hz * other voltages

✓ included

+ available/optional

○ eligible

– not available

\* available upon request

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## ACCESSORIES CHEMICAL TEST STAND

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Product

Description

Model no..

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Chiller/heat exchanger

1765

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Pressure tester

1820

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