Model no. 1598

TENSILE CREEP TESTER

According to

ISO 16770

The tensile creep tester for tests in fluids is used to determine environmental stress cracking in samples with full notch creep test (FNCT).

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EASY AND SAFE OPERATION

> Simple mounting of the samples in clamping jaws

> Simple and safe introduction of the samples into the test tank without contact between the test personnel and the fluid

RELIABLE TEST RESULTS

> High accuracy of regulation of load and distance measurement

> Precise temperature compliance

> Smooth and torsion-free application of force

LASTING EFFICIENCY

> High-quality unit components guarantee high reliability and a long service life

STATE-OF-THE-ART TECHNOLOGY

> 6 stations can be programmed and operated independently of each other at 6 different test temperatures and various test forces

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VERSION **TENSILE CREEP TESTER**		**V1598-0006**
Number of stations		6 traction units
Temperature range	°C	30 above ambient temperature up to +95
Temperature accuracy	°C	± 0.5 in the entire tank
Sample dimensions		max. 25 x 15 mm (width x thickness) Travel of the traction unit: max. 150 mm
Force measurement		Across load cells
200-N load cell		+
500-N load cell		+
1000-N load cell		+
2000-N load cell		+
3000-N load cell		+
5000-N load cell		+
Preload		Preselectable up to the max. force of the load cell, max. preset time 9,999 s
Accuracy	%	± 0.5 of full scale of load cell plus ±0.1% per 5 K change in the ambient temperature
Max. extension (sample length 100 mm)		ca. 115 mm with a tank depth of 400 mm ca. 200 mm with a tank depth of 600 mm
Distance measurement		Length measurement via incremental encoder
Accuracy of distance measurement	mm	± 0.5
Number of test tanks		6
Test tank capacity		ca. 16 l per tank at a fill level of 400 mm ca. 23 l per tank at a fill level of 600 mm
Mounting aid		+
Notch device for sample preparation		+
Cooling system		+
Operation via IptDataLogging ®		✓
CE conformity		✓
Permissible ambient temperature	°C	+15 to +35
Permissible relative humidity	%	max. 70 non-condensing
Noise emission	dB(A)	< 70
Width x Depth x Height	mm	1,690 x 850 x 2,050
Weight	kg	ca. 650 (fully equipped)
Voltage data		230/400 V, 50/60 Hz * other voltages

✓ included + available/optional O eligible – not available * available upon request

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ACCESSORIES TENSILE CREEP TESTER

Product	Description	Model-no.
	Notch device motorised for sample preparation	1808
	Test data management software IptDataLogging®	1780