

Model no. 1719

## 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). The tester is operated via a touch display. This means that each station is monitored individually. Load is applied to the samples by placing the weights on manually. The tester was designed so that each station can easily be removed from the test tank. A special circulation system ensures that a constant temperature is present in the test tank and that each sample is supplied evenly and constantly. The level in the test tank is monitored and shown on the touch display. The operator receives a warning to top up the test tank when the minimum level is reached.

## EASY AND SAFE OPERATION

- > Simple assembly of the sample outside the test tank
- > Simple and safe introduction/removal of the samples into/from the test tank without contact between the test personnel and the medium
- > The opening is sealed with a cap during the test, when the samples are being replaced or when a station is not in operation

## RELIABLE TEST RESULTS

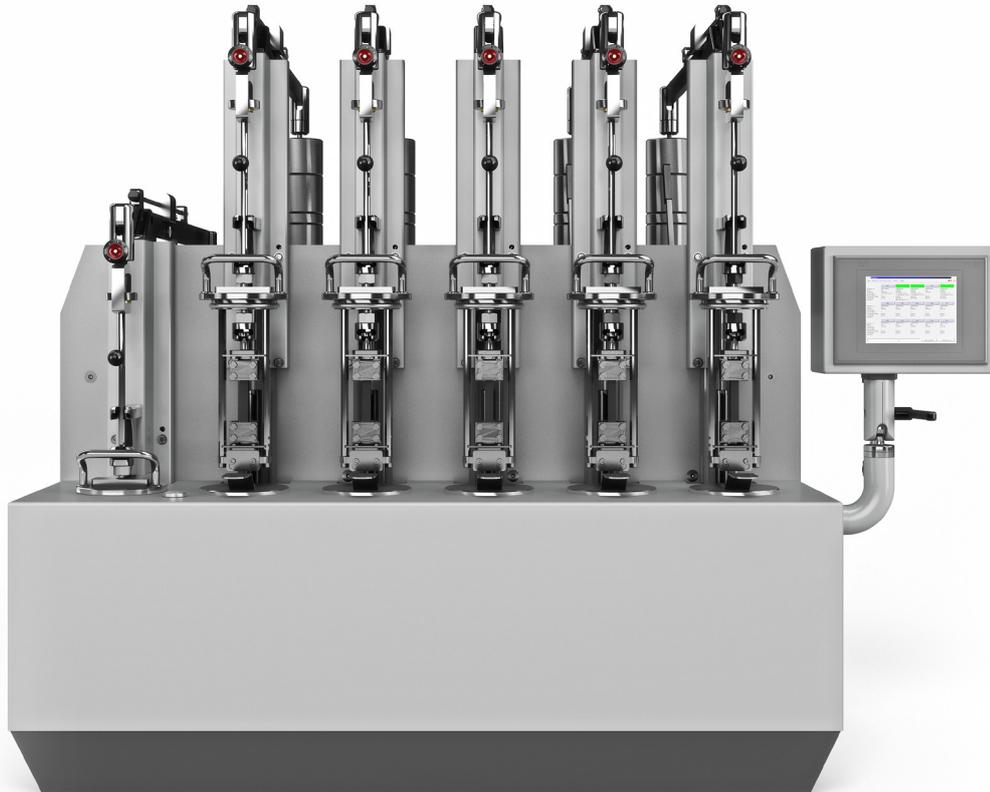
- > Constant and extremely accurate regulation of the medium temperature thanks to intelligent temperature control
- > Precise temperature compliance
- > Guarantee of a homogenous temperature in the test tank thanks to a special circulation system
- > Uniform supply of the individual samples

## LASTING EFFICIENCY

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

## STATE-OF-THE-ART TECHNOLOGY

- > Integrated temperature monitoring
- > Interface to IptDataLogging®



## VERSION TENSILE CREEP TESTER

V1719-0001

Number of stations		6 traction units
Test temperature	°C	10 above ambient temp. up to +95 (without chiller) +23 to +95 (with chiller)
Temperature control	°C	±0.5 in entire tank
Failure detection	s	≤ ±10
Test loads	N	19 to 280 (depending on specimen)
Application of load	%	≤ ±1
Load resolution	N	0,1
Force measurement		via load cells
500-N load cell		✓
200-N load cell		+
Accuracy	%	±0.1 of full scale of load cell plus ±0.1 % per 5 °C change in the ambient temperature
Maximum sample extension	mm	10
Tank volume	l	30
Mounting aid		+
Notch device for sample preparation		+
Chiller		+
Operation via touch display		✓
Operation via IptDataLogging®		+
Compatible with IptDataLogging®		from version 5.x
CE conformity		✓
Permissible ambient temperature	°C	+5 to +40
Permissible relative humidity	%	max. 70 non-condensing
Width x Depth x Height	mm	1,240 x 860 x 980
Weight	kg	ca. 380 (empty)
Voltage data		230 V, 50 Hz * other voltages

✓ included

+ available/optional

○ eligible

- not available

\* available upon request

---

## ACCESSORIES TENSILE CREEP TESTER

---

Product

Description

Model no.

---



Notch device motorised for sample preparation

1808

---



Test data management software  
IptDataLogging®

1780