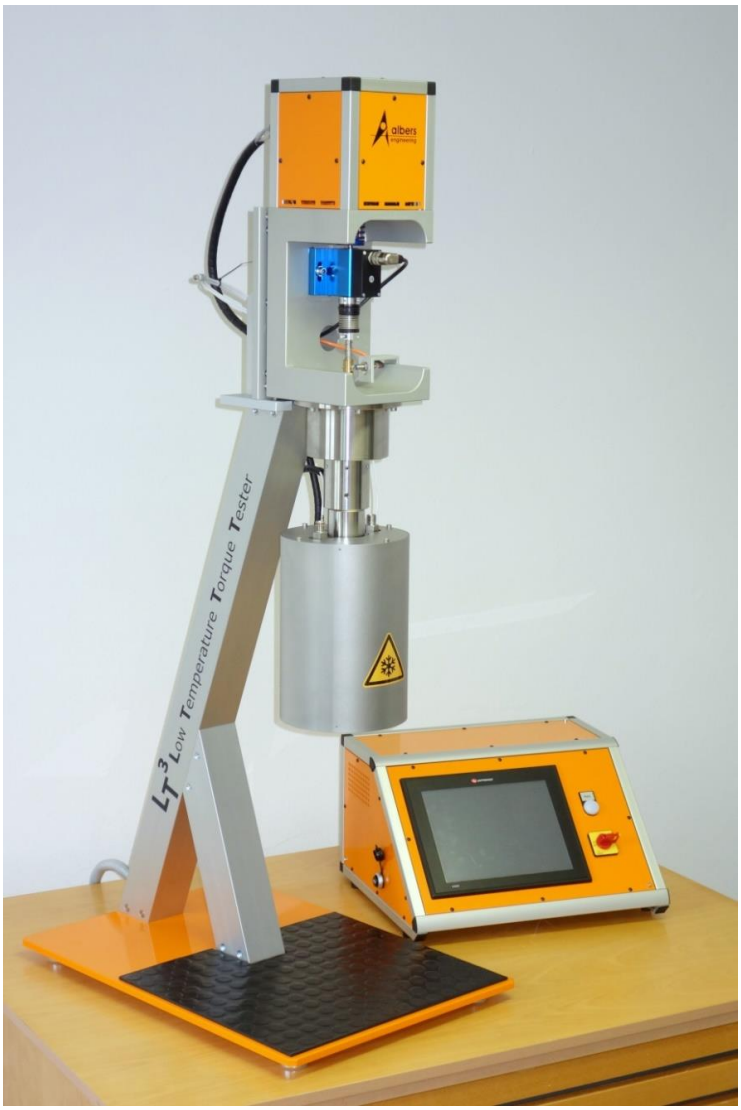
Low Temperature Torque Tester

LT³



Low Temperature Torque Tester LT³
(The actual appearance of the Instrument may differ slightly from the illustration)

Description

The Low Temperature Torque Tester LT³ is used to determine the resistance caused by the grease in an axially loaded ball-bearing at **temperatures down to -73 °C**. Therefor the starting and running torque are measured. The test procedure is fully automatic and all test-related parameters are recorded continuously. also possible to test two different greases as long as the test temperature is the same and their pressure range is matching.

Low Temperature Torque Tester

LT^3

albers engineering

Technical data

Test temperature:	down to -73 °C (depending on external cooling device)
Axial load:	Standard: 50N
Range:	0-5000 Nmm (other ranges on request)
Supply voltage:	230V / 50Hz (others on request)
Power:	0,4 kW
Size:	500 x 1400 x 700mm (W x H x D)
Size of controller:	500 x 300 x 500mm (W x H x D)
Weight:	approx. 75 kg (+ 12,5 kg Control panel)

Features

- Electronically controlled high precision direct drive
- Sophisticated torque sensor with high accuracy
- Quick and easy assembling / disassembling of the test spindle
- Automatic operation using PLC
- Electronic data acquisition
- Closed loop cooling jacket

Scope of delivery

- Test apparatus including drive and measurement unit
- Cooling jacket for hook-up with existing cooling device
- Standalone controller unit with PLC and touch panel
- PC Software for data acquisition and analysis

Options

- Housing suited for different bearing sizes
- Re-use of existing cooling devices
- Tailor-made solutions available

Albers Engineering GmbH * Albrecht-von-Groddeck-Str.3 * D-38678 Clausthal-Zellerfeld * Germany
Phone: +49(0)5323 – 989660 * E-Mail info@albers-engineering.de. * Internet www.albers-engineering.de