

KRL-SST-1

Shear Stability Tester

CEC L-45-99, DIN 51350-6

A STAND-ALONE KRL SHEAR STABILITY TESTER

The first of its kind, stand alone shear stability tester designed to accurately and reliably conduct long duration shear stability tests.

Options

- Manual Loading System
- Frictional Torque Measurement Module
- MOOHA digital lab assistant

FULL COMPLIANCE WITH STANDARDS

THE ONLY AUTOMATIC KRL TESTER THAT FULLY COMPLIES WITH THE CEC L-45-99

Automated, compact and powered by digital tools, the KRL-SST-1 Shear Stability Tester is unlike any other shear stability tester on the market. As lubricant performance improve year after year, KRL shear stability tests become longer.

The Ducom KRL-SST-1 is the first and the only automatic shear stability tester that is designed to be in full compliance with the applicable test standards. While KRL options are also available for our standard four ball testers, the dedicated KRL-SST-1 system is recommended for users who perform KRL tests regularly and expect to regularly run long duration tests without blocking out the use of their Four Ball Tester.

AUTOMATIC AND PRECISE

The automatic loading system and a custom developed high precision temperature control system provide users with an easy testing experience. The ultra stable loading system is excellent for long duration tests that can last several hundred hours at a time.

The easy to use software with pre-programmed test protocols make testing simple. A custom mode allows you to program your own custom test protocols.



READY FOR THE FUTURE

The KRL-SST-1 comes with a fast response to the temperature sensor and with friction measurement capabilities that can be used for measurement of shearing induced heating, thermal response, and frictional torque measurements.

Check out our article "How to prepare for challenges in EV Tribology?" to see how we use this system to evaluate conductivity of transmission fluids.

ALWAYS AVAILABLE

TEST DATA AND INSTRUMENT HEALTH IS INSTANTLY AVAILABLE

The Ducom KRL is equipped with more sensors than any other KRL system in the market and offers excellent stability through long duration tests. In addition, the friction measurement capabilities are a useful addition that extend the capabilities of the KRL-SST-1 beyond test standards to extract more information from each test.