



10-536 Reichert Lubricant Tester – Friction and Wear

Standards

According to Reichert



Application

This device can be utilised to inspect lubricant with respect to their load-bearing capacity, determine the emaciation of oils and cutting solutions, optimizing suitable additives and combinations of materials.

Features

For maximum comfort, the device has an integrated pneumatic system which automatically lowers and lifts the test weight, creating a fully automated and more precise test procedure. The lubricant tester is also equipped with a touch panel, allowing the user to display test requirements and create custom test parameters if desired.

Test parameters

Slip ring	Ø35 mm
Test roll	Ø12 mm
Rotational speed	960 min ⁻¹
Sliding speed	1,7 m/s
Load	294 N
End condition	After 100 m



Dimensions and Connection




Dimensions (WxDxH)	650 mm x 650 mm x 350 mm
Weight	~ 60 kg
Mains	230 V / 50 Hz or 115 V / 60 Hz available
Power	1000 VA
Air	pressurized air (6-8 bar)
Cooling	An external cooling device can be attached to the fluid vessel for regulating the temperature of the test solution

Device configuration

incl.	Item no.	Description
-	10-536-111	Reichert Lubricant Tester – Friction and Wear – 115V
-	10-536-110	Reichert Lubricant Tester – Friction and Wear – 230V







Device accessories

The following items are necessary accessories/tools required for conducting tests with the main unit:

	Item no.	Description
	9-914-015	Dial gauge for checking the concentricity of the slip ring
	10-536-006	Spanner (16 mm wrench size, 230 mm length)
	7-111-006	5 mm Allen key





Reichert accessories

	9-914-009	Test weight for applying the load (294 N)
	9-914-006	Holder for test roll (Ø12 mm)
	10-536-109	Adapter for slip ring (Ø35 mm)
	10-536-104	Adapter counter piece for clamping slip ring in place (Ø35 mm)
	10-536-105	Vessel for holding test substance. Equipped with connections for cooling
	10-536-106	Vessel lid

Expendable items / additional accessories

The following items are expendable items required for testing.

	Item no.	Description
	15-0023	Slip rings, steel, Ø35 mm for Reichert (pack of 20)
	15-0021	Test rolls, steel, Ø12 mm for Reichert (pack of 50)
	9-914-026	Slip Ring Removal Tool for Reichert