



## 10-536 Brugger Lubricant Tester – Friction and Wear

### Standards

Brugger - DIN 51347



### Application

This device can be utilised to determine the load capacity of lubricants in the range of mixed and boundary friction.

### 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	Ø25 mm
Test roll	Ø18 mm
Rotational speed	960 min <sup>-1</sup>
Sliding speed	1,2 m/s
Load	400 N
End condition	After 30 s



## 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)

## Device configuration

incl.	Item no.	Description
-	10-536-201	Brugger Lubricant Tester – Friction and Wear – 115V
-	10-536-200	Brugger 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





**Brugger accessories**

	9-914-011	Test weight for applying the load (400 N)
	9-914-008	Holder for test roll (Ø18 mm)
	10-536-107	Adapter for slip ring (Ø25 mm)
	10-536-108	Adapter counter piece for clamping slip ring in place (Ø25 mm)

**Expendable items / additional accessories**

The following items are expendable items required for testing.

	Item no.	Description
	10-506-003	Slip ring, Ø25 mm for Brugger
	10-506-004	Test roll, Ø18 mm for Brugger
	9-914-025	Slip Ring removal tool
	10-506-005	Abrasive file for Brugger slip ring
	10-506-006	10 ml measuring beaker for test substance (Brugger)

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