



Description / name of special machine
Lubricant test bench with NC axis control

Function / job
Suitable for the testing of jerk-slide effects in lubricants and guide elements, as a factor of different bearing forces in friction spots.

Special features
In climate chambers, the testing of jerk-slide effects as a factor of different temperatures and air humidity is also possible. Slide adjustment via AC motor with recirculating ball screw and pretensioned spindle nut (reduces play).
Speed steplessly adjustable via frequency converter.
Powered by an absolute-value transducer and tachometer.

Technical data

Max. test force	8000 N
Slide speed	max. 6 m/min
Weight of device	approx. 60 kg
Slide travel	approx. 300 mm

Customer
Hermann Bantleon GmbH

Realization period / year
From January 2010

Ident No.	Month / year
504 0 918	11/10