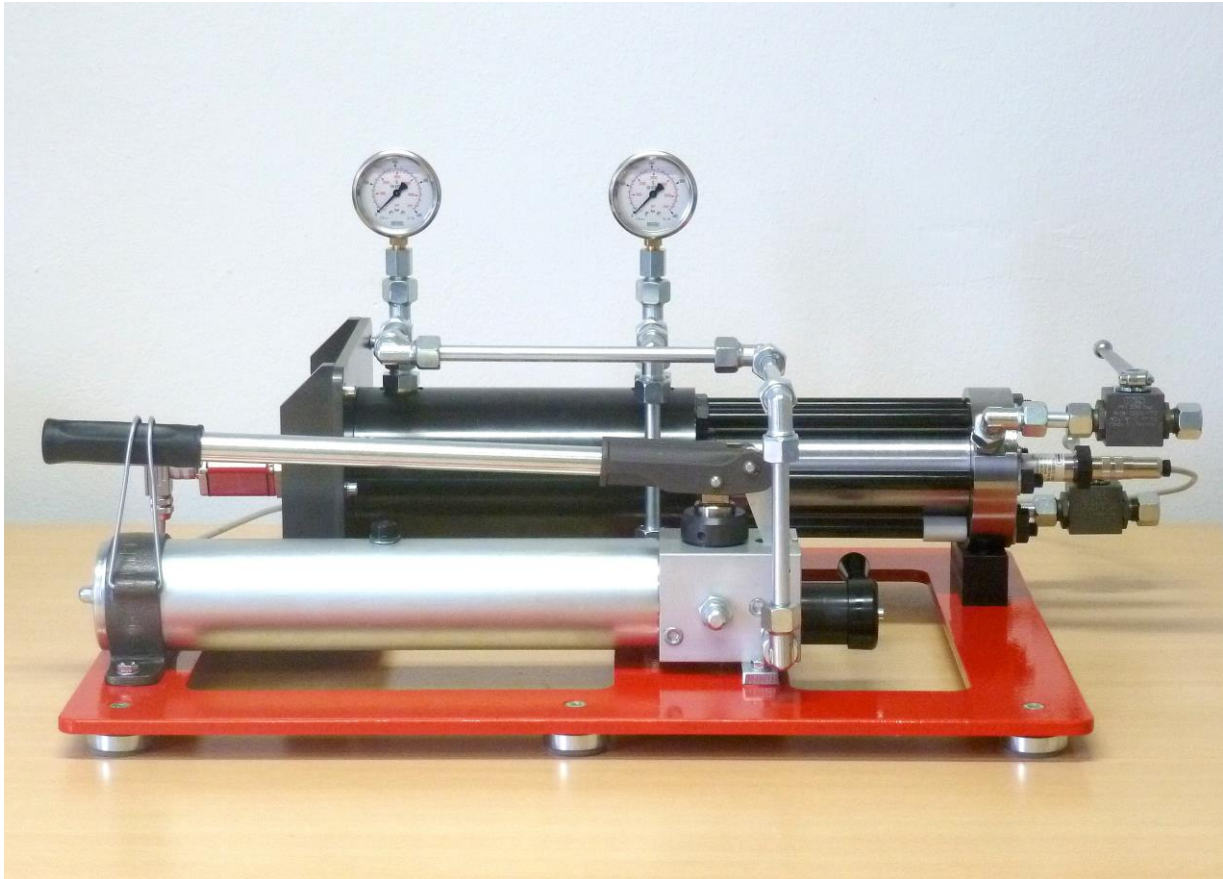
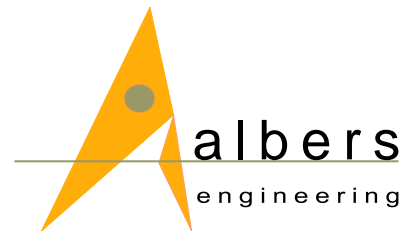


Compressibility Tester

KMV 400



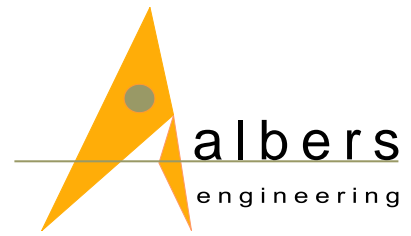
Compressibility Tester KMV 400

Description

The Compressibility Tester KMV 400 measures the compressibility of greases at pressures up to 400 bar. The required pressure is generated by a hand pump and then intensified and transferred by a hydraulic cylinder into the test cylinder. The compressibility is measured by a highly accurate position measuring system and a precision pressure transducer. The obtained test data can be displayed numerically and graphically on a PC with the supplied software.

Compressibility Tester

KMV 400



Technical data

Operating pressure:	Up to 300 bar (4350 psi)
Testing pressure:	Up to 400 bar (5800 psi)
Sample volume:	Up to 235 ml
Voltage:	230 V AC
Power consumption:	12 W
Dimensions:	850 x 380 x 600 mm (W x H x D)
Weight:	ca. 50 kg

Features

- Easy to operate
- Analysis and display of measurement data using the supplied PC software
- Pressure resolution: < 0,01 bar
- Position resolution: < 2,5 µm

Components

- Hydraulic hand pump – 2 stage
- Pressure gauge
- Hydraulic cylinder 150 mm stroke, max. pressure 300 bar
- Valve for switching operating direction
- Distance measurement, 0-10V, accuracy 1µm
- Pressure transducer 0-1000bar, < 0,1%, adjustable range, 0-10V
- Test cylinder, test piston and test flange
- 16bit data logger with PC software, accuracy 0,05 %

Options

- Pneumatic filling device suitable for 1 kg Containers