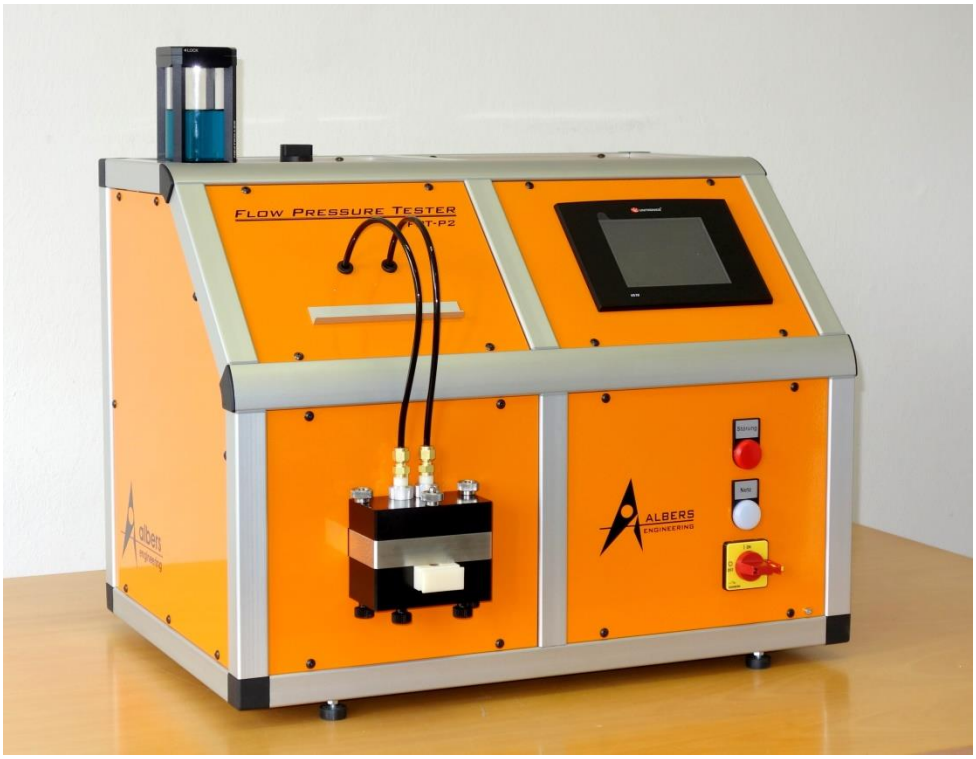
Flow Pressure Tester

FPT - P2

DIN 51805-2



Flow Pressure Tester FPT - P2 (Version with 2 test stations)

The appearance of a particular design version may differ somewhat from the illustration for technical reasons!

Description

The **Flow Pressure Tester FPT - P2** is employed for determining the flow pressure of lubricants in conformance with DIN 51805-2. This standard describes the automated version of the test method in **accordance with Kesternich**, DIN 51805.

A nozzle which is filled with the lubricant under investigation is cooled to the desired test temperature and subsequently subjected to pressure. The pressure is then increased stepwise until the lubricant emerges from the nozzle, and the pressurised gas escapes. This point characterises the flow pressure and is employed for determining the lower temperature limit for use of the lubricant.

The **Flow Pressure Tester FPT-P2** offers the possibility of carrying out a double determination in one measuring process.

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Flow Pressure Tester

FPT

DIN 51805-2

albers engineering

Technical data

Test pressure:	0-2500 hPa, adjustable stepwise in conformance with DIN 51805
Test temperature:	**+20 °C to -50 °C without external cooling**. With external cooling down to -60 °C
Voltage:	230 V, 50 Hz (AC only)
Power consumption:	400 W
Dimensions:	about 690 x 580 x 620 mm (L x W x H)
Weight:	about 35 kg

Performance features

- Testing in conformance with the currently applicable standard, DIN 51805-2 (method in accordance with Kesternich)
- Calibrable test parameters
- Automation of the entire test sequence by means of a programmable controller
- Colour display for convenient control of the test instrument, as well as indication of the measured values and test parameters
- Electronic recording of the measured values and test parameters
- Evaluation and plotting of the test results with the use of the PC software supplied with the instrument
- Stepwise increase in pressure, adjustable in steps of 2, 4, and 25 hPa, in conformance with DIN 51805, beginning with 0 hPa
- Very economical due to simultaneous double determination
- User-friendly by simply inserting the test nozzles
- Easy to clean thanks to the integrated fat drawer and easily removable test head cover

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