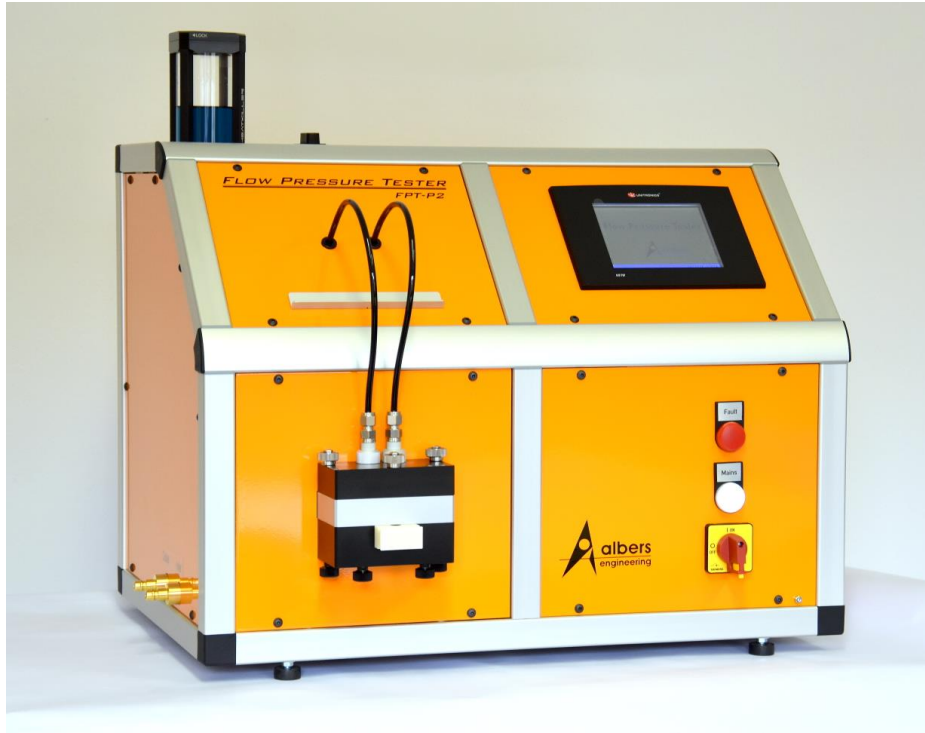
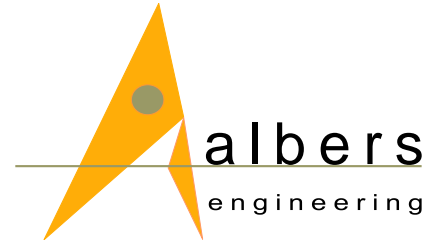


# Flow Pressure Tester

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.

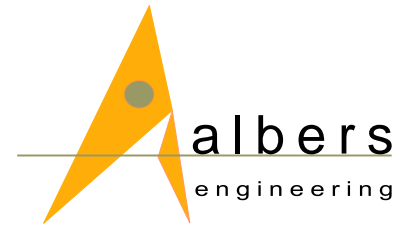
A nozzle which is filled with the lubricant under investigation is cooled to the desired test temperature and subsequently subjected to pressure. The pressure is then increased stepwise until the lubricant emerges from the nozzle, and the pressurised gas escapes. This point characterises the flow pressure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

With the **Flow Pressure Tester FPT-P2** two grease samples can be tested simultaneously. Therefore, the double determination required by the standard can be completed in a single measurement. It is also possible to test two different greases as long as the test temperature is the same and their pressure range is matching.

# Flow Pressure Tester

FPT - P2

DIN 51805-2



## Technical data

Test pressure:	0-2500 hPa, adjustable stepwise in conformance with DIN 51805
Test temperature:	+20 °C to -50 °C without external cooling (room temperature less than 21°C) 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)
- Test parameters can be calibrated
- 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 via USB connection
- Stepwise increase in pressure, adjustable in steps of 2, 4 and 25 hPa, in conformance with DIN 51805, beginning with 0 hPa
- Connections (inlet and outlet) for external additional cooling
- Efficient due to simultaneous tests of two grease samples
- User-friendly operation (easy insertion of the test nozzles, easy insertion of the test head cover, integrated grease drawer)