

FKP

Burst Pressure Tester

The principle of the Burst Pressure Tester is based on the testing of the increase in calibre size of synthetic casings in relation to the fill pressure. The FKP simulates the process executed by automatic sausage-filling equipments. The device is controlled by a Windows based software using an external computer.

The FKP uses new technology to fulfil the following requirements:

- Quality control during the production process
- Long-term quality control with data-storage capabilities (Microsoft Access®)
- Tests for research and development

Features

- **Flexibility:** Thanks to custom fill devices every diameter from 35 mm to 150 mm may be tested.
- **Easy to use:** To switch to a different diameter, just quickly attach the appropriate fill device.
- **Instant Access:** The external computer shipped with the FKP is fully configured.
- **PC Technology:** Use the external PC to control the FKP. All relevant data are processed by the PC using a special software.
- **Software:** The software runs on the operating systems Microsoft Windows 95/98 or higher and Microsoft Windows NT 4.0 or higher.
- **Data Transfer:** Test results are written to Access. You can easily export your FKP data to Office compatible programs.
- **Consistency:** The software of PC controlled Brugger machines share the same look and feel.
- **Future:** The FKP meets the increasing QC requirements for the packaging industry.



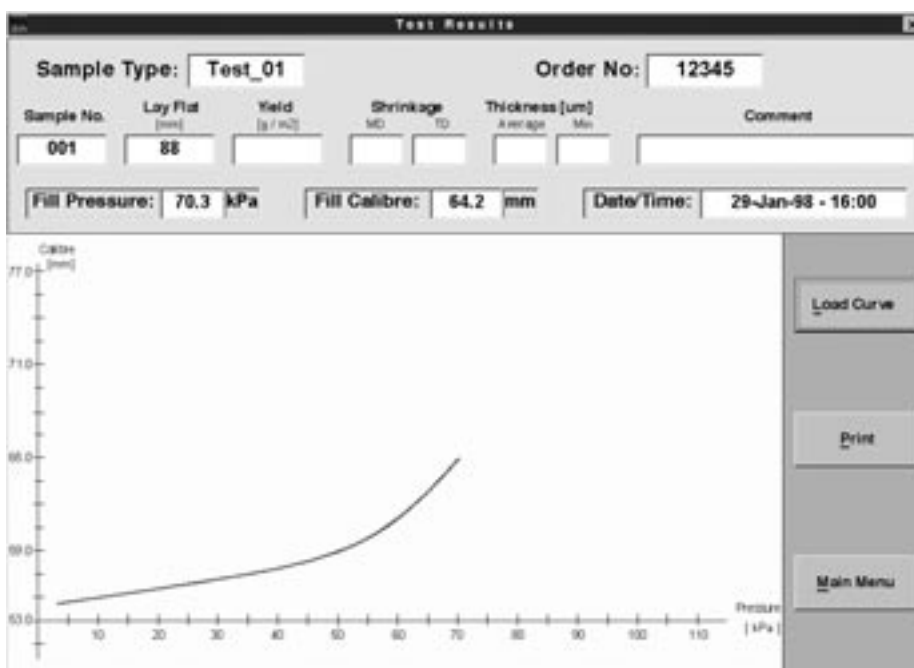
Service

- **Hotline:** Our support team helps you to determine the suitable equipment and assists you when troubleshooting issues arise. You can contact our support team by phone and by email.
- **Introduction:** This service is free of charge and lasts approximately three to four hours. Thanks to the real-life operation demonstrated by the instructor, participants will be able operate the unit in a reliable way.
- **Installation:** This service includes setting up the unit in your specific lab and production environment. If needed, our technician customises the unit according to your specifications. In combination with an introduction or training course the installation service may last approximately four to five days.
- **Customisation:** Let us tailor our devices and software to meet your specific lab and test requirements.

Principle

The FKP simulates the process executed by automatic sausage-filling equipments. Sausage stuffing is simulated by water.

Sample Chart



Specifications

Electrical connection FKP:	230 V, 50 Hz, power consumption 50 W, approx.
Electrical connection (PC):	230 V, 50 Hz, power consumption 250 W, approx.
Electrical connection (Monitor):	230 V, 50 Hz, power consumption 300 W, approx.
Water supply:	4 to 6 bar
Display:	PC Monitor
Dimensions:	145 x 55 x 100 cm
Weight (w/o PC):	74 kg (w/ 1 filling device)
Storage temperature:	5°C to 50°C
Test temperature:	15°C to 35°C
Relative Humidity:	not more than 80%
Accuracy - pressure	+/- 5 % of the reading, not less than 1 kPa
Accuracy - calibre	+/- 1 % of the reading, not less than 0.5 mm