

Bekk Smoothness tester



Usage

For measuring the smoothness of the papers according to Bekk method.

Applicable standards

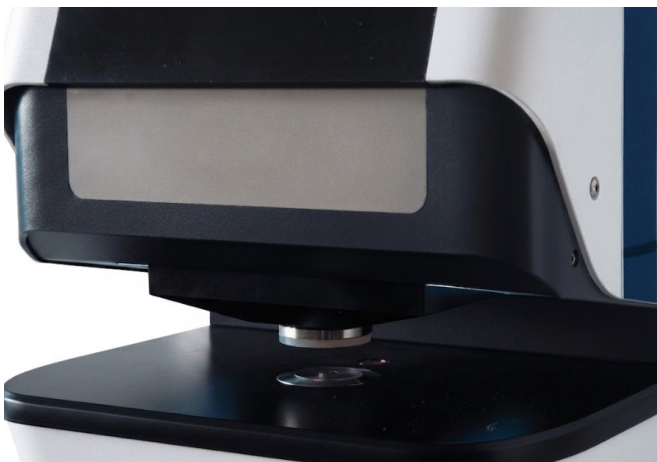
ISO 5627, Tappi T479, DIN 53107

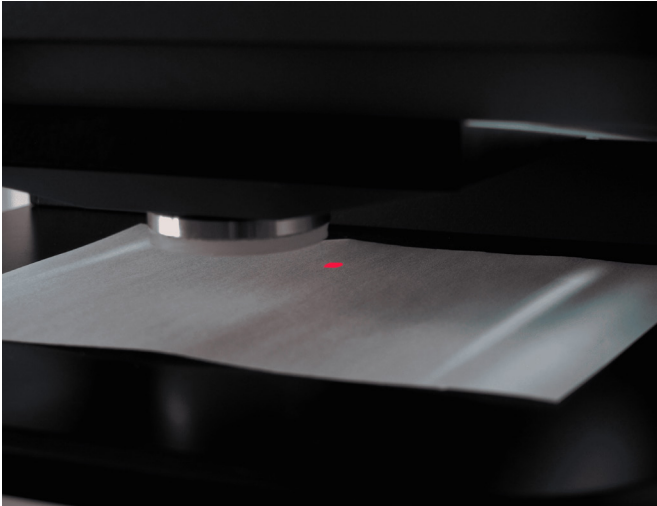
Characteristics

- Fully automated measuring cycle, sample is not influenced manually.
- Adjustable feet for the equipment leveling.
- Big Color Touch Screen.
- Full Statistics, with graphs, average, deviation, min and max value, etc.
- 3 volume selectable (380, 38 and 19 ml)
- Built in weight of 10 kg.
- Selectable measuring ranges: -50.7 to -48.0 kPa & 50.7-29.3 kPa
- Measuring area of 10 cm².
- Photocell for automatic test when positioning the sample, or manual test.
- RS-232 interface for connection to management and control programs.
- USB connection for maintenance works and for connection with USB printer.

Test description

The sample is placed below the measuring head. On pushing the start button, the 10 kg weight lowers onto the sample and helps to hold it tight to the glass plate. The built-in vacuum pump evacuates the selected tank to a vacuum of -50.7 kPa. Dependent on the surface roughness of the sample, atmospheric air is drawn in between the glass plate and the sample. The time taken for the vacuum to reach -48.0 kPa (res. 29.3 kPa) is displayed in BEKK seconds. Ten seconds after the test has started a preview is displayed to give an estimation of the result in advance.





Specifications

- Selectable measuring ranges: 50.7-48.0 kPa and 50.7-29.3 kPa
- Measuring area: 10 cm²
- Selectable volumes: 380 ml (1:1), 38 ml (1:10), 19 ml (1:20)
- Measuring accuracy: 0.1 sec
- Preview calculation already after 10 sec
- Measuring mode: Underside
- Easy handling due to touchscreen
- Parallel printer connection
- Serial data interface RS 232

Connections

Electricity: 110-230 V, 50-60 Hz AC

Air: 400-600 kPa

Dimensions

Dimensions: 27 x 68 x 60 cm (W x D x H)

Net weight: 23 kg

Gross weight: 38 kg

