



BEKK Smoothness Tester

Model 58-05

BEKK Smoothness Tester

The BEKK Tester determines the smoothness of the sample in BEKK seconds. This instrument is especially suitable for very smooth surfaces, such as coated label papers or coated free sheets. It creates a vacuum and measures the time it takes for the vacuum to drop from 50.66 to 48.00 kPa. Alternatively, the time it takes for the pressure to drop from 50.66 – 29.33 kPa can be set. The instrument is supplied with a 1/1 vacuum chamber and a 1/10 chamber. Very smooth papers are tested at 1/10 of the volume to save time.

Test results

During the test the instrument gives an Estimated Test Result (ETR). The so-called ETR option gives an estimate result after 10 seconds. The longer you wait the more accurate the estimation. A perfect feature for a quick reference. A porosity head can be supplied as an option to test air permeance.

Features

- Easy to place sample
- Sample cutting not required
- Pressure intervals 50.66-48.00 and 50.66-29.33 kPa
- Estimated test results after 10 seconds
- Porosity Test option
- Paper tabs to check instrument
- Air volume 1/1 and 1/10

International Standards

- ISO 5627
- TAPPI T-479
- DIN 53107

Is your required standard not here? Ask us

Technical Specification:

Model:	58–05 Series
Measuring units:	Bekk seconds
Pressure interval:	50.66–48.00 and 50.66–29.33 kPa
Range:	0–99,000
Languages:	Multiple available

Installation Requirements:

Electrical:	110 V/60 Hz or 220V/50 Hz
Air:	600 kPa
Dimensions (LxWxH):	390x530x415 mm (15.5 x 21 x 16.5 in)
Weight:	51 kg (113 lb.)
Output:	RS 232 and Printer connection

Optional/Accessories

- Graph Master Software
- Porosity head





Easy setting

During the test, the vacuum drops to the starting point. When this point is reached the test starts. The time it takes to drop from vacuum A to B is measured in seconds.



Estimated Test results

You do not want to wait for results when you only need an indication. Therefore this instrument is equipped with Estimated Test Results. After 10 seconds the ETR is given.



Replaceable head

Besides smoothness, the instrument is also equipped with a Porosity option. You can easily replace the smoothness head by the porosity head.



Constant vacuum

A transducer is used to continuously measure the vacuum. When the vacuum drops below the set kPa the timer starts.



Check paper and capillary

Checking the instrument can be done either with special check papers (limited reusability) or with capillary heads, which can be used over and over again.



Auto check for vacuum

When measuring very smooth surfaces, you want to be absolute sure no air is leaking. Therefore, the BEKK is equipped with an auto check for vacuum.

Vertrieb in Deutschland durch:



Luhne Messtechnik e.K.
Neusser Straße 103
41363 Jüchen
02165/1719972

info@luhne-messtechnik.de
www.luhne-messtechnik.de