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 safe time.

Test results

During the test the instrument gives an Estimated Test Result (ETR). The so-called ETR option give 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 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
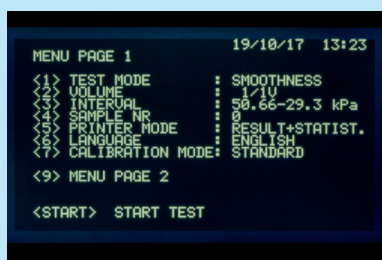• Paper tabs to check instrument
• Air volume 1/1 and 1/10

International Standards

• ISO 5627
• TAPPI T-479
• DIN 53107

Is your required standard not here? Ask us

Taking care of quality

Easy setting
During the test, the vacuum drops to the starting point. When this point is reached 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.

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

Installation requirements
Electrical	110 V/60 Hz or 220V/50 Hz
Air	600 kPa
Dimensions	390 x 530 x 415 mm (LxWxH) (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