WETBACK

The rewet properties of nonwoven topsheets or coverstocks are crucial for the performance of hygienic and sanitary goods.
Unfortunately, high variations in the rewet test results are very common since by carrying out this test manually, the results are strongly influenced by the handling, depending on the operator.

Any misleading results caused by faulty handling are excluded by using Lenzing Instruments **WETBACK** tester for analysis of such materials. **WETBACK** characterizes the rewet properties in an automated and time-saving manner according to INDA/EDANA standards.

The combination of an automatically lowered baby-weight together with a high precision balance and a software program for guided testing procedure guarantees for highest reproducibility and comparability of results. Furthermore, the generated results are automatically communicated to the **WETBACK** software with both numerical and graphical display of test results for evaluation and analysis of the rewet characteristics of the material.

WETBACK

Scope:
Determination of the rewet properties of nonwoven cover-stocks according to EDANA/ INDA standards WSP 80.10, equivalent to ERT 151.3 (02) and WSP 70.8, equivalent to ERT 154.0 (02) by an auto-mated test routine in order to improve decisively the reliability and repeatability of the rewet test results.

Method:
After applying a defined amount of liquid on the prepared sam-ple (liquid strike-through-test*), a simulated baby weight is automatically lowered onto the specimen with an by EDANA accurately defined speed and remains there for a specified period of time.
Through a special filter paper i.e. pick-up paper and an elect-ronic balance, the amount of li-quid is determined, which - due to the load - is passed back through the specimen's surface into the filter paper.

Results:
The Wetback result is achieved by determining the amount of li-quid, which has been absorbed by the pick-up paper. For this purpose, a precision balance is used. The balance may be used in stand-alone mode for manual weighing and determi-nation of the Wetback result. Optionally, it may be connected to a PC; in this case, the Lister/ Wetback software guides the operator through the test pro-cedure and the results of ab-sorbed liquid are automatically generated and displayed.

Description:
According to the EDANA/INDA standards WSP 80.10, equi-valent to ERT 151.3 (02) and WSP 70.8, equivalent to ERT 154.0 (02) and ISO reference 9073-14:2002, the **WETBACK** tester consists of a pneumatic stand to automatically lower the integrated weight, and of an electronic precision balance (optional).

EDANA:
European Disposables And Nonwovens Association

INDA:
International Nonwovens and Disposables Association

Pneumatic stand:
to automatically lower and lift the simulated baby weight:
• electronic time
• simulated baby weight with polyurethane foam rubber foot
• absolutely no maintenance
• sample plate included

Accuracy:
Wet time:	3 min ± 3 sec
Rewet time:	2 min ± 2 sec
Simulated baby weight:	4000 g ± 20 g
Time to lower weight:	5 sec ± 1 sec for 5 cm

Electronic precision balance (optional) :
Accuracy:	0.0001 g
max. load:	60 g

Software (optional):
Evaluation software and test report according to EDANA

Dimensions:
Height:	555 mm
Width:	260 mm
Depth:	360 mm
Weight:	approx. 21 kg

Power supply:
230 / 115 VAC ± 10 %, 50 / 60 Hz

Options:
• Electronic precision balance
• Software
• Lenzing Lister AC Liquid strike-through tester Standardized according to EDANA/INDA WSP 70.3 and WSP 70.7

* The **WETBACK** test has to be effected on the same sample after testing the liquid-strike-through time.

The test results of both instruments are evaluated and managed in the same software.

Technical data and pictures are subject to change!