



Permeability to liquids is an important characteristic for nonwoven coverstocks.

Our EDANA-recommended **LISTER AC** offers electronic measurement of the liquid-strike-through time. The liquid-strike-through time is the time taken for a known volume of test liquid (simulated urine) applied to the surface of a test piece of nonwoven coverstock, which is in contact with underlying standard absorbent pads to pass through the nonwovens.

With **LISTER AC** subjective influence caused by the operator can be excluded, and the device complies fully with the international standard WSP 70.3, which is equivalent to EDANA ERT 150.5 (02) and ISO reference 9073-8:1995 and the international standard WSP 70.7, which is equivalent to EDANA ERT 153.0 (02) and ISO reference 9073-13:2001.

### Scope:

This test method is designed to determine the liquid-strike-through time of nonwoven coverstocks.

### Method:

A known volume of test liquid is discharged to the surface of the sample at a prescribed rate. The time taken for all the liquid to penetrate the nonwoven is measured electronically and is called liquid-strike-through time according to EDANA/INDA standards WSP 70.3 and WSP 70.7 (equivalent to ERT 150.5 (02) and ERT 153.0 (02)).

### Rewet properties:

According to EDANA/INDA standards WSP 80.10, equivalent to ERT 151.3 and WSP 70.8, equivalent to ERT 154.0, rewet properties of coverstocks can be tested on the same sample directly after the test of the liquid-strike-through time. For this measurement, we recommend the Lenzing **WETBACK** tester.

### Specifications:

Instrument for automatic measurement of liquid-strike-through time of nonwoven coverstocks according to EDANA/INDA-standards WSP 70.3, equivalent to ERT 150.5 (02) and ISO reference 9073-8:1995, and WSP 70.7, equivalent to ERT 153.0 (02) and ISO reference 9073-13:2001

### EDANA:

European Disposables and Nonwovens Association

### INDA:

International Nonwovens and Disposables Association

### Resolution:

0,01 s

### Accuracy:

Surpasses the specifications of EDANA/INDA

### RS 232 Interface, Software (optional):

Via this interface, data are transferred to a computer and evaluated by an especially designed software

### Main supply:

220/110 V ± 10%,  
50/60 Hz, 40 W

### Dimensions:

Length: 300 mm  
Depth: 220 mm  
Width: 230 mm  
Weight: approx. 7 kg

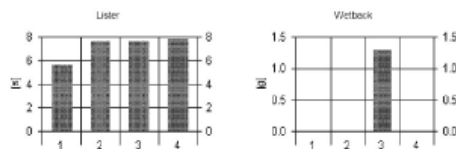
### Options:

- RS 232 interface
- Software
- Lenzing Wetback
- Calibration unit Orifice

Operator: mayr Device: test1		Product: L8039 Notice:		
Nr	Date	Time	Water [g]	WBG [g]
1	18-11-03	09:24:18	5.62	---
2	18-11-03	09:25:49	7.61	---
3	18-11-03	09:26:18	7.59	4.33
4	18-11-03	09:26:55	7.65	---

Number	4	1
Mean:	7.17 [g]	1.30 [g]
Standard Deviation:	0.90 [g]	0.00 [g]
CV:	12.56 [%]	0.00 [%]
Min:	5.62 [g]	1.30 [g]
Max:	7.65 [g]	1.30 [g]
Range:	2.03 [g]	0.00 [g]
Q65:	19.95 [g]	0.00 [g]



Example of a printout

Technical data and pictures are subject to change!