



Permeability to liquids is an important characteristic for nonwoven topsheets or coverstocks.

Lenzing Instruments **LISTER LC** offers standardized and electronic measurement of the liquid strike-through time according to INDA/EDANA. The liquid strike-through time is the time it takes 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 nonwoven material. With **LISTER LC** subjective influence caused by the operator can be excluded. With the exception that it is especially intended for tests with low conductivity liquids, the device complies fully with the following international standards: 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 9073-13:200.

## Scope:

**LISTER LC** was especially designed to determine the liquid strike-through time of nonwoven coverstocks or topsheets in combination with low conductivity liquids.

## Method:

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

## Results:

The result of the liquid strike-through time for each specimen can be read directly on the instrument display and if used together with a PC, also numerically and graphically in the Lister/Wetback software.

## Specifications:

Instrument for automatic measurement of liquid-strike-through time of nonwoven coverstocks with low conductivity liquids, based on the test method for liquids of higher conductivity 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 sec

## 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  $\pm$  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
- Wetback:  
Testing instrument for determination of rewet properties of nonwoven coverstock according to EDANA/INDA WSP 80.10 and WSP 70.8

Technical data and pictures are subject to change!

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