



Permeability to liquids is an important property for nonwoven topsheet or coverstock.

Lenzing Instruments **LISTER AC** 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 AC**, subjective influence caused by the operator can be excluded and the device complies fully with the international INDA/EDANA standard WSP 70.3 and WSP 70.7.

LISTER AC is most often used in combination with Lenzing Instruments' **WETBACK**, which is applied for the rewet test for nonwoven coverstock or topsheet. **WETBACK** is standardized according to INDA/EDANA WSP 80.10 and WSP 70.8. Three of ten specimen are to be tested for their rewet properties with **WETBACK** after tests with **LISTER AC**.

Scope:

Automatic, standardized and reproducible determination of the liquid strike-through time of nonwoven coverstock or topsheet.

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 according to 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. If used together with a PC, the results are displayed both numerically and graphically in the LISTER/WETBACK software.

Specifications:

Conforms with INDA/EDANA standards WSP 70.3, equivalent to ERT 150.5 and ISO reference 9073-8, and WSP 70.7, equivalent to ERT 153.0 and ISO reference 9073-13.

EDANA:

European Disposables and Nonwovens Association

INDA:

International Nonwovens and Disposables Association

Resolution:

0.01 sec.

Accuracy:

Surpasses the specifications of INDA/EDANA

USB-C interface, software (optional):

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

Power supply:

220/110 V \pm 10 %
50/60 Hz, 40 W

Dimensions:

Length: 300 mm
Width: 220 mm
Height: 230 mm
Weight: 7 kg

Optionally available:

- Software
- USB-C interface
- OPC UA interface
- Orifice function check unit
- WETBACK testing instrument for determination of the rewet properties of nonwoven coverstock/topsheet according to INDA/EDANA WSP 80.10 and WSP 70.8

Technical data and pictures are subject to change.