

## FACT SHEET

# ● RM073 Seal Tester



Seal Tester RM073

The intended purpose of the Seal Tester RM073 is to detect leakages in the wrapping of cigarette packs. This is done by inflating the sealed pack with a defined air flow and measuring the resulting pressure. The test criteria are if a certain pressure can build up and be held. The test is semi-automatic and the test result is displayed by the device and can be sent by USB or RS232.

The typical use of the Seal Tester is to check the quality of cellophane wrapping of cigarette and tobacco packages. Since there are no official standards for this kind of test, the acceptable limit values can be defined by the user. Based on the underlying assumption that no packaging is absolute tight, the measured leakage is evaluated and shall not exceed a determined threshold.

Medical devices  
Measuring devices  
Special equipment

Customized development  
Inhouse-prototyping  
Assembly and Service

## Technical Specifications

### Electrical

Power supply requirements 85-264VAC, 47-63Hz  
Power consumption 15 W  
Fuses 2x 1A slow

### Additional supply requirements

Compressed air 4-5 Bar, oil free, filtered 20 µm or better  
Internal pressure 400 mBar  
Vacuum -0,8 Bar

### Data interfaces

Data outputs USB, RS232

### Test variables

Max. test duration 35 s  
Max. test pressure 100 mBar  
Max. test flow 100 ml/min  
Min. pack size 48 x 42 x 12 mm

### Device

Weight 5kg  
Width 250mm  
Length 275 mm  
Height 180mm  
Protection class IP 30

All information are subject to change.