

Seal Tester RM073



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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.

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
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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.