



VACUUM LEAK TESTER

VDT/S



The VDT/S is a vacuum leak tester for blisters and other packaging forms.

The maximum vacuum (absolute pressure range up to 100 mbar) and the vacuum hold time before release can be easily set via the symbol keypad. The actual vacuum is continuously displayed on the LED display.

Test run parameters such as actual/set vacuum value and hold time can be simply documented via a USB interface or a connected printer.

LEAK TESTING

For checking the density the ERWEKA VDT/S performs a methylene blue dye test, which is divided into several phases. During the pressure maintenance phase the blisters are exposed to a vacuum, which is generated in the vacuum container. Afterwards the container is ventilated.

In the subsequent penetration process the blister is resting in the methylene blue solution, so that the solution can suck into any imperfectly sealed packaging. The integrated vacuum pump can be recalibrated using the optional validation kit which includes a vacuummeter, type DVR.

SMALL BUT VERSATILE

OPTIONS

- | 150 mm diameter container
- | 200 mm diameter container
- | 250 mm diameter container
- | 300 mm diameter container
- | Certified validation tool kit for VDT/S comprising of:
 - | Vacuummeter type DVR
 - | Stopwatch
 - | IQ / OQ handbook
 - | Spare parts kit



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TECHNICAL DATA

Weight	7 kg
Dimensions (H x W x D)	166 x 300 x 340 mm
Voltage	230 V/115 V / 100 Watt; 50-60 Hz
Exsiccator diameter	150 mm (PC and PP) 200 mm (PC and PP) 250 mm (PC and PP) 300 mm (glass)
Operating temperature	10 °C - 40 °C
Adjustable reduced pressure range	-100 to -700 mbar (exsiccator: Ø 300 mm) -100 to -900 mbar (exsiccator: Ø ≤ 250 mm)
Absolute pressure range (related to the atmospheric pressure)	≥ 120 mbar
Adjustable range test run time	99 hrs. 59 min. +/- 0.1 % 99 min. 59 sec. +/- 0.1 %