RECASA
Su proveedor de confianza

ERWEKA

Vacuum Leak Tester VDT/S

Vacuum leak tester for blisters and other packaging forms

The ERWEKA VDT/S is a vacuum leak tester for blisters and other vacuum forms. With its compact size, the VDT is ideal for quality control during the packing and filling process. The ERWEKA VDT/S consists of two connected units - the main control unit with the integrated vacuum pump and the vacuum exsiccator (available in different sizes with 150, 200, 250 or 300 mm diameter).

The blister is placed inside the vacuum exsiccator and the exsiccator is then filled with coloured dye solution. Any leaking blister cells are evacuated when the vacuum is applied. When the vacuum is released, this process is reversed, and the dye solution is drawn into any faulty samples so that they can be identified immediately during visual inspection. The instrument fully conforms to the safety requirements for electronic measuring, control, regulator and laboratory equipment DIN EN 61010.

Features

- LED-Display
- Keypad for controll of all functions
- Versatile use cases, such as continuous operation for use as low vacuum pump in laboratory enviroment
- Vacuum filter easy to replace

Options

+ 150 mm Ø exsiccator
+ 200 mm Ø exsiccator
+ 250 mm Ø exsiccator
+ 300 mm Ø exsiccator
+ Spare part kit for VDT/S, including fuses, replacement filter element and gasket
+ Qualification tool kit for VDT/S, including vacuum checker and digital stop watch, certified
+ IQ/OQ documents for VDT/S (english)

Technical Specifications

Dimensions (without exsiccator):	
Height	166 mm
Width	300 mm
Depth	340 mm
Weight	7 kg
Exsiccator diameter	150 mm (PC and PP) 200 mm (PC and PP) 250 mm (PC and PP) 300 mm (glass)
Power supply	230 V / 50 Hz; 115 V / 60 Hz
Power consumption	100 Watt
Operating temperature	10 °C - 40 °C
Vacuum	
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
Test run timer	
Adjustable range	99 hrs. 59 min. +/- 0.1 % 99 min. 59 sec. +/- 0.1 %

Blister density checker