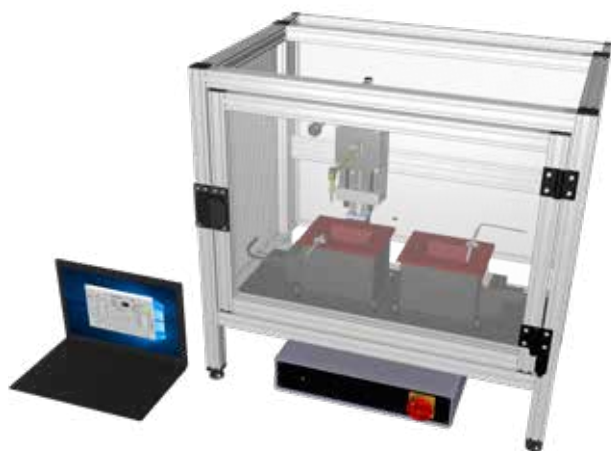


SOLDERABILITY TEST DEVICE LPL

DIN EN 60068-2-20



FEATURES

The immersion process is controlled by the motor via the device software with the device closed.
The test process is automated.
The unit is equipped with an enclosure, which has a front glass door with safety hinge switch.

COMPONENTS

LPL with housing and electrical
vertical specimen travel
2 soldering baths 0T06 (2 x 4800 g solder filling quantity, 2000 VA)
Control unit
Notebook with pre-installed device software

DIMENSIONS

Width x depth x height: approx. 880 x 640 x 838mm*
Weight: approx. 70 kg*

SUPPLIES

Electrical current 230 VAC 50/60 Hz, power consumption 2000 VA

TO BE PROVIDED BY THE CUSTOMER

Exhaust system for solder fumes



* Our products are constantly evolving. For this reason, the actual dimensions may differ.

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SCOPE

The test device is used to assess the solderability of electrical components according to DIN EN 60068-2-20. The solderability is assessed especially during dip soldering. The test method is a lifting immersion test in which a specimen is dipped vertically into a soldering bath at a defined speed and, if appropriate, withdrawn again at the same speed after a defined dwell time. The measured quantity used in the test is the appearance of the wetted surface and/or the time course of wetting. The assessment is made visually. The device is equipped with 2 soldering baths, which can be operated independently of each other.

PRINCIPLE

The conditioned and degreased specimen is clamped in a lifting device which allows defined immersion and withdrawal of specimens at immersion speeds of 0 to 40 mm/s. The speed to be applied in each case is specified for different specimens in the standard. It is generally 25 mm/s. The standard immersion depth is 25 mm, but can be a maximum of 50 mm. The dwell time for tests is 3 - 10 seconds.



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