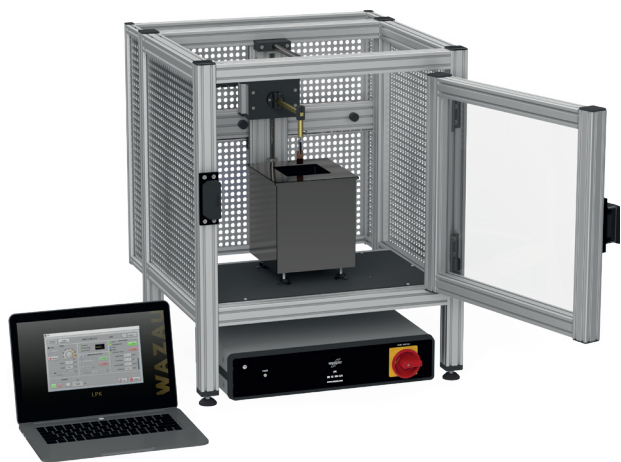


SOLDERABILITY TEST DEVICE LPK

DIN EN 60068-2-20



SCOPE

The test device is used to examine the solderability of electrical components and their connections in accordance with DIN 60068-2-20. Solderability is assessed primarily during immersion soldering. The test method is a vertical immersion test in which a specimen is immersed vertically at a defined speed in a solder bath and, if necessary, withdrawn again at the same speed after a defined dwell time. The criterion for the test is the appearance of the wetted surface and/or the time sequence of the wetting. The assessment is carried out visually.

PRINCIPLE

The conditioned and degreased specimen is clamped in a lifting device that allows defined immersion and withdrawal of specimens at immersion speeds of 0.5 to 100 mm/s. According to the standard, the speed is usually 25 mm/s. The immersion stroke is 25 mm as standard, but can be a maximum of 40 mm. The dwell time is 3 - 10 seconds.

FEATURES

The immersion process is motor-controlled via the device software with the device closed. The test procedure is automated.

The device is equipped with an enclosure that has a front glass door with a hinge safety switch.

COMPONENTS

LPK with housing and electrical vertical specimen travel

Soldering bath ZW 104 TE:

3700 g solder filling quantity, approx. 400 ml volume (100 x 100 x 40 mm), 1500 VA

Control unit

Notebook with pre-installed device software

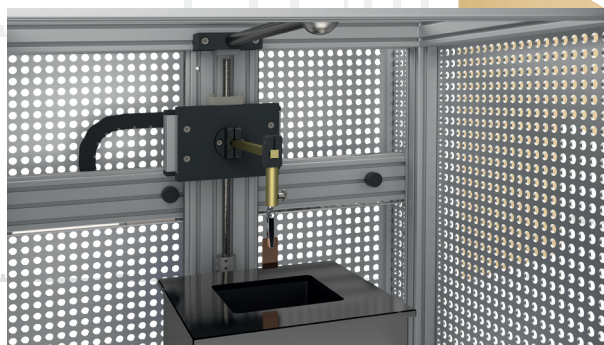
DIMENSIONS

Width x depth x height: approx. 600 x 500 x 700 mm*

Weight: approx. 50 kg*

SUPPLIES

Electrical current 230 VAC 50/60 Hz, power consumption 1500 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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