

# LPL 金属可焊性测试仪

*DIN 32506*



检测DIN 32506规定的金属可焊性

## 产品描述

该测试仪是一个升降浸润试验，测试金属可焊性。试样以一定的速度浸入焊锡浴。如果需要的话，使它在一定时间保持在锡浴里，然后以相同的速度取回。该设备的升降浸润单元允许样品以 0 至 45 毫米/秒的速度浸润或取回，最大提升高度 25 毫米。浸润时间可持续 0 到 10 秒，以石英控制时间。焊锡浴槽可以是 T 05 或 T 06。该设备由升降单元和控制部分组成。升降单元可以在两个焊锡槽之间移动。

焊锡槽中的淹没速度和淹没时间通过电位器调整，在 LCD 显示器上显示。温度通过 PID，控制在室温至 450°C。工作电源 230 伏（50 / 60 Hz）。

## 技术参数

焊锡槽 T 05 / 内侧尺寸	86 mm width, 90mm depth, 68/20 mm heigh
焊锡量:	2850 g
焊锡槽 T 06 / 内侧尺寸	120 mm width, 60 mm depth, 80 mm height
焊锡量	4800 g
设备基本组成	升降单元 控制部分
焊锡槽组成	(T 05 and T 05) (T 05 and T 06) (T 06 and T 06)
接地板	Tripod with support
热电偶	自优化的模糊温度控制器
电源	230 VAC 50/60 Hz
功率	500/1000 VA
重量	10 kg

## Characteristics

The Solderability testing device type LPL

**Application:** The device tests the solderability of metals under DIN 32506.

**Principle:** The device has a lifting unit which allows a defined submerging and emerging of specimen with submerging speeds from 0 to 45 mm/s. The lifting unit has a maximal lifting height of ca. 25 mm. The device works with a quartz controlled submerging duration of 0 to 10 s. The basic device consists of the lifting unit and the controlling device. The still dipping solder bath can be a T 05 or a T 06 which is connected by plugging it into the rack of the measurement and controlling mechanism. The lifting unit can be displaced between the two solder baths. The submerging speed and submerging duration in the solder bath are adjusted via a potentiometer and displayed on an LCD display. The temperature in the solder bath can be adjusted from room temperature to 450°C via a PID temperature control. The power supply for the controller is provided by an IEC-320 AC power cordset 230 VAC (50/60 Hz).

## Technical specifications

Solder bath T 05 / inner dimensions	86 mm width, 90mm depth, 68/20 mm height
Solder content:	2850 g
Solder bath T 06 / inner dimensions	120 mm width, 60 mm depth, 80 mm height
Solder content	4800 g
Constituents basic device:	Lifting unit    Controlling device
Constituents soldering bath	Soldering bath (T 05 and T 05) (T 05 and T 06) (T 06 and T 06)
Ground plate	Tripod with support
Thermocouple	Temperature control with fuzzy self-optimization
Power supply	230 VAC 50/60 Hz
Energy input	500/1000 VA
Weight	10 kg