

# DEN-ON

INSTRUMENTS PRODUCT LINEUP

## SDR-10

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Click here for Video →



## Smart Drive Rework

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The machine was designed to help address the following issues:

- Alignment quality which varies from person to person.
- Reduce the time required to learn rework techniques.
- Use automation to address the shortage of technicians.
- Eliminate the need of having experience to create temperature setting conditions profiles.

## RD-500VL

Click here for Picture →



## Heavy and thick board rework made easy

Machine was developed to handle heavy thick board and large component rework. By using a powerful Area heating, a focal top/bottom hot air, a large PCB holding capability, multiple side view cameras to assist aligning and monitoring large component during the reflow process, in addition to the Auto-profile software the rework of heavy thick board becomes easy.

## RD-500V · S V

### All-In-One

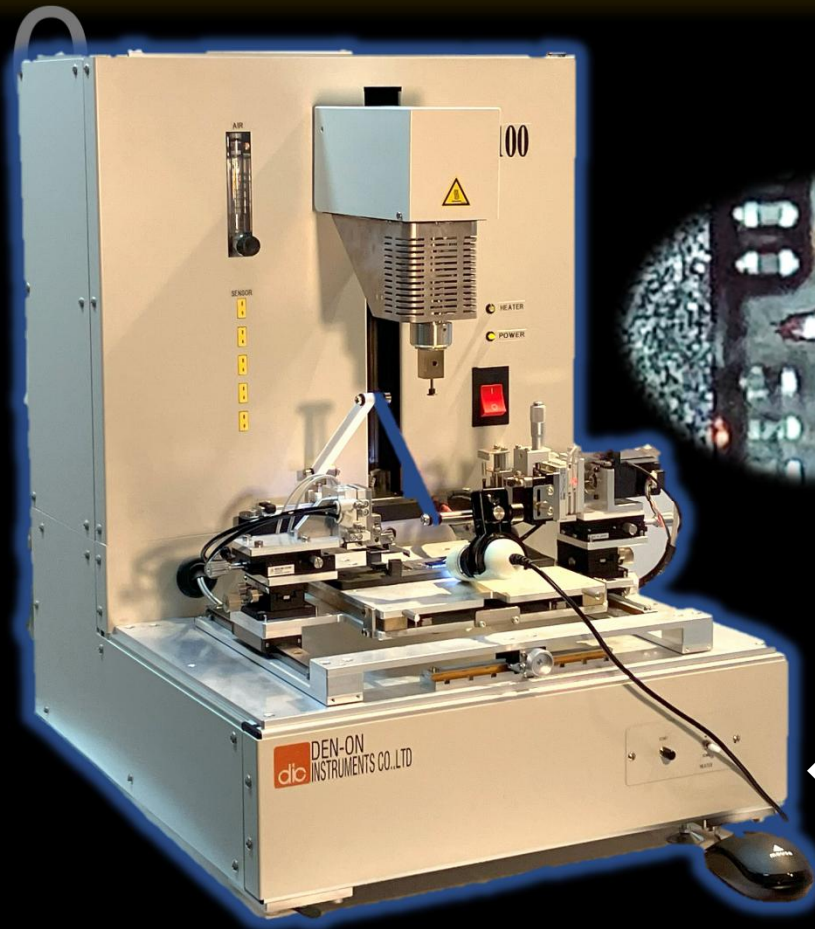


**Machine can handle a wide variety of parts and PCBs:**

- **Compatible with common boards**
- **Compatible with almost all SMT parts**
- **3 heating systems realize ambient temperature difference for narrow spaces or for adjacent component rework.**

← [Click here for Product Presentation](#)

## UF - 10



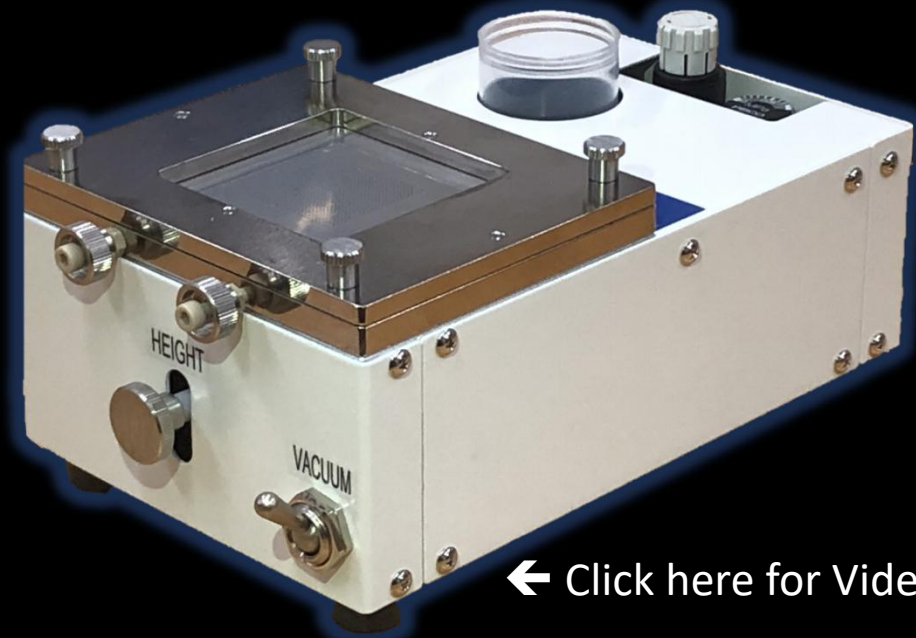
## Underfill Automatic Removal

The machine was designed for a purpose to address issues with underfill removal of course without destroying a PCB neither damaging a component, then to help Automate a loop process to increase rate of stable underfill removal and fix problem with labor work shortage.

← [Click here for Video](#)

## RB-700

### Multi Re-Balling Jig



← [Click here for Video](#)

The tool is designed to address reduced time and cost saving, stabilizing the manual alignment of X, Y, Z, and  $\theta$ , and reducing costs by eliminating the need of designing a nest for each and every single component.

## PHL-6000

### Large PCB Preheater

Preheating is a critical step in the SMT process, especially for large PCBs. The preheating phase helps to activate flux, prevent thermal shock, and improve solder joint quality during the SMT assembly.

Large PCBs have a higher thermal mass than smaller ones, which means they require more energy to heat up.

Preheating helps to ensure that the board is heated uniformly, which is essential for large PCBs.

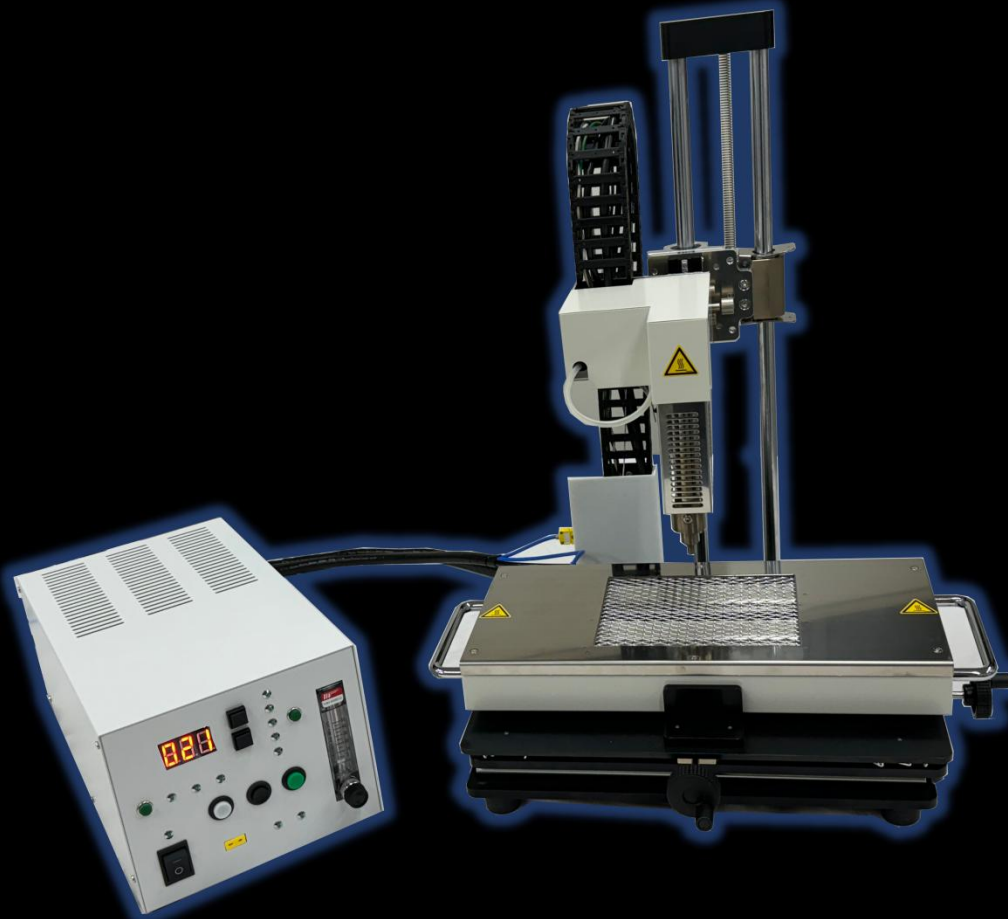


## SRC-60

## PCB Solder Residue Cleaner

Removes PCB pattern peeling off, PCB scratches, temperature setting for different PCB structure and human skill which can differ from operator to operator were the major issues due to the use of classical methods such as a soldering iron.

The SRC-60 is designed to address above mentioned issues, with a close looped temperature setting and a non contact head cleaning nozzle with a an XY sliding mechanism table controlled.





*Thank You!*

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