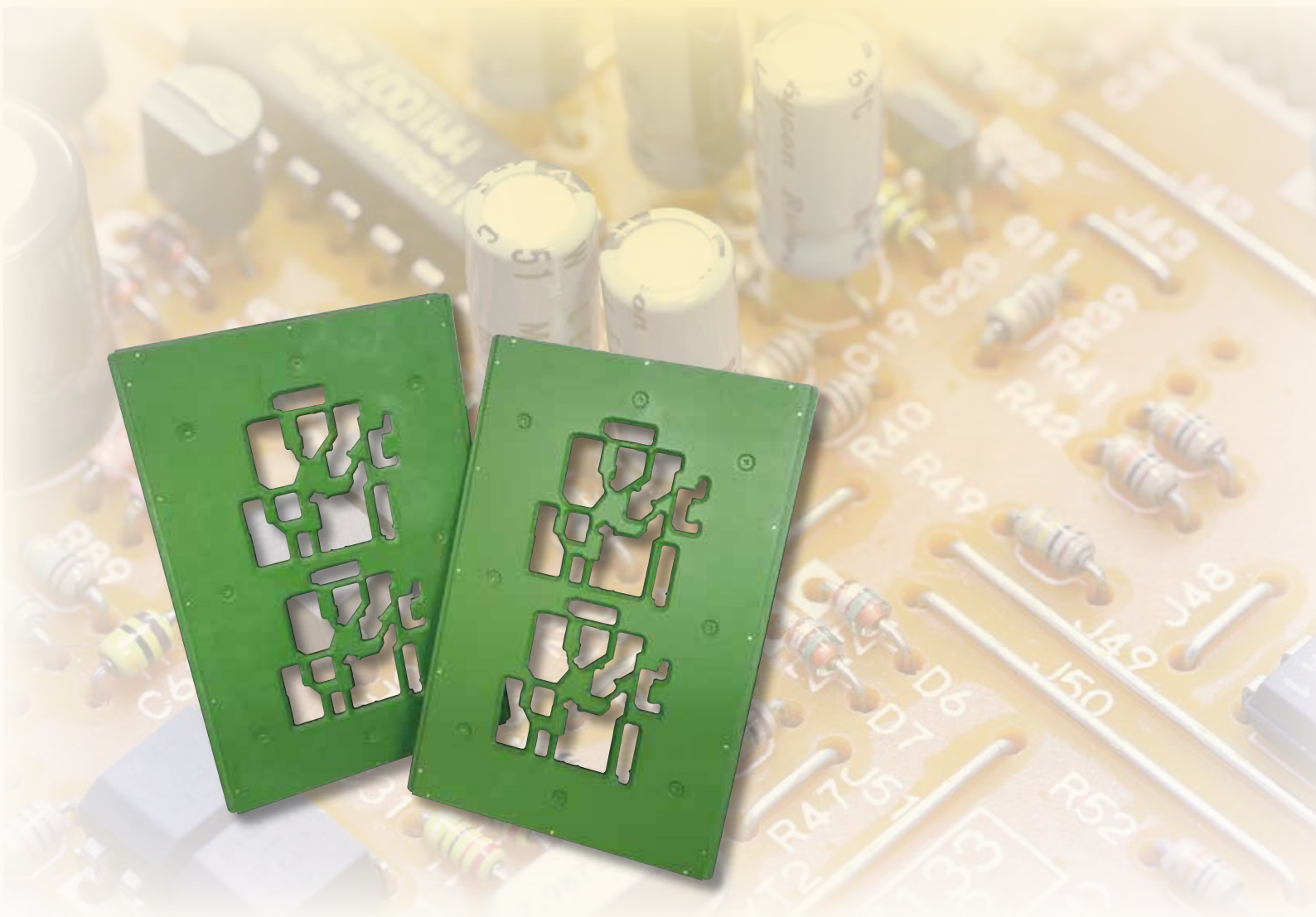


Wave soldering pallets / Reflow parts cleaning system

PALLETCLEANER

Designated cleaning agent **PALLETCLEAN series**

*Powerful showering and exclusive chemical
bring amazing cleanliness in a short time.*



Creating Unique Materials

KAKEN TECH®



Why PALLETCLEANER ?

PALLETCLEANER, a shower-type cleaner, and PALLETCLEAN, a dedicated cleaning agent, achieve quick and powerful cleaning.

✓ Reduction of operating time



Up to 15 carrier pallets can be loaded and cleaned at one time.

Cleaning is completed faster than manual scrubbing!

Draining liquids can be completed without getting your hands dirty by simply setting the liquid can and opening the cock.

✓ Good cleaning property



The "PALLETCLEAN" series of dedicated cleaning agents powerfully removes flux from carrier pallets.

A wide lineup of low odor and low VOC types are available to improve the working environment!

With no volatile components, rinsing process is not required after cleaning!

✓ Cost saving



Shower cleaning does not damage carrier pallets as brushing or ultrasonic cleaning does, and carrier pallets last longer.

Simple structure allows low running cost operation without complicated maintenance.

Labor costs can be reduced as operation time is shortened!

💡 Cleanability of carrier pallet openings



Before



After

| | |
|---------|--------------------|
| Machine | PCM |
| Liquid | PALLETCLEAN series |
| Time | 1 min |

● Can be used for cleaning reflow parts

You can utilize PALLETCLEANER to clean large carrier pallets and reflow parts.

💡 Cleanability of reflow oven parts



Before



After

| | |
|---------|--------------------|
| Machine | PCLT |
| Liquid | PALLETCLEAN series |
| Time | 15 min |

PALLET CLEANER

3 models are available according to pallet size and processing volume.



Large capacity,
low cost type

PCLT

| | |
|-------------------------|---|
| Door opening | W 770 x H 450 mm |
| Dimension | W 950 x D 500 x H 1,300 mm |
| Effective cleaning area | W 770 x H 450 mm (Pallet size : Max. 400 x 400 mm) |
| Power supply | Three-phase, 200V |



Compact
type

PCM

| | |
|-------------------------|---------------------------|
| Door opening | W 450 x D 200 mm |
| Dimension | W 600 x D 500 x H 1,100mm |
| Effective cleaning area | W 310 x H 390 mm |
| Power supply | Three-phase, 200V |



Large
capacity
type

PCL-001

| | |
|-------------------------|------------------------------|
| Door opening | W 1,000 x D 280 mm |
| Dimension | W 1,200 x D 600 x H 1,050 mm |
| Effective cleaning area | W 800 x H 310 mm |
| Power supply | Three-phase, 200V |



Dedicated cleaning agent,

PALLETCLEAN series

PALLETCLEAN series is a cleaning agent for carrier pallets and reflow parts used in the wave soldering process. It powerfully removes adhered flux residue.

● Features of the PALLETCLEAN series



High dissolving power

Strongly removes even sticky flux residue.



Easy liquid management

No need for adjusting moisture.

No surfactants are contained, eliminating the rinse process after cleaning.



Low running cost

High flux dissolving power and long liquid life enable low running cost operation.

High solubility also reduces labor costs due to shorter cleaning time!



Wide line-up

Wide range of lineup including high cleaning power, low VOC, low odor, and non-DG type!

Can be used in ultrasonic or soaking tanks as well as PALLETCLEANER.

● Flux dissolving property

Compare the flux solubility of IPA and PALLETCLEAN.



Fresh liquid



Liquid with 5% of flux



PALLETCLEAN maintains the same level of flux solubility as a fresh liquid even when 5% of flux is dissolved in it!

Compared to IPA, PALLETCLEAN has higher flux dissolving power and longer liquid life.

We are now offering a video on our website comparing flux solubility of IPA and PALLETCLEAN ! 

Check



Creating Unique Materials

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