Quick and safe nozzle change!

Selecting the right nozzle for your workpiece is very important for quality of desoldering!

Do you use the right nozzle for your workpiece?

Quick and safe nozzle replacement with Nozzle quick changer (optional item) can help select a suitable nozzle from 3 different ones in max. for each work. (Enclosure pipe is required for setting with each nozzle.)

A variety of nozzles to select from N60 and N61 series.

Desoldering Tools

Line-up

FR-400/FR-410
FR-701/FR-702
NOZZLE QUICK CHANGER
FR-301

Quick and safe nozzle change!
FR-400

High Power Desoldering Tool

140 W high power enables perfect desoldering for the components on multi-layer PWB.

FR-410

High Power Desoldering Tool

140 W high power enables perfect desoldering for the components on multi-layer PWB.

Common Features of FR-400 and FR-410

- Secure Desoldering, valve function that suction with high pressure
- Suction starts 0.2 seconds after pulling the trigger for instant and high pressure suction to achieve complete desoldering.
- Improvement in heating core
- Heating ability for backside of heating core is increased to ensure suctioned solder be suctioned to filter pipe and avoid solder clogging.
- Reducing of solder clogging by improved heating core
- The additional guard prevents a temperature drop of the heating core by making contact with the front holder and it enables to reduce solder clogging.
- Reduction in maintainability
- Quick nozzle replacement with special tools
- Easy heater replacement
- Tool box for maintenance kit
- Larger filter and more transparency
- LCD display for temperature and suction indicator

Improvement in heating core

- Heats up quickly
- Heating ability for backside of heating core is increased
- Improvement in maintainability
- Quick nozzle replacement with special tools
- Easy heater replacement
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Secure Desoldering, valve function that suction with high pressure

Suction starts 0.2 seconds after pulling the trigger for instant and high pressure suction to achieve complete desoldering.

Reduction in maintainability

- Quick nozzle replacement with special tools
- Easy heater replacement
- Tool box for maintenance kit
- Larger filter and more transparency
- LCD display for temperature and suction indicator

Improvement in heating core

- Heats up quickly
- Heating ability for backside of heating core is increased

Packing List

<table>
<thead>
<tr>
<th>FR-400</th>
<th></th>
<th>FR-410</th>
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<tbody>
<tr>
<td>Standard nozzle</td>
<td>ø1 mm (No. N60-02)</td>
<td>ø1 mm S type (No. N61-05)</td>
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<tr>
<td>Suction flow*</td>
<td>15 L / min.</td>
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<tr>
<td>Weight**</td>
<td>270 g</td>
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<tr>
<td>Total length**</td>
<td>183 mm</td>
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<tr>
<td>Power consumption</td>
<td>320 W</td>
<td>190 W</td>
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</tr>
<tr>
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Secure Desoldering, valve function that suction with high pressure

Suction starts 0.2 seconds after pulling the trigger for instant and high pressure suction to achieve complete desoldering.

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- Heating ability for backside of heating core is increased
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Improvement in heating core

- Heats up quickly
- Heating ability for backside of heating core is increased

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