

Products

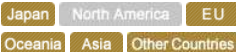
Desoldering / Rework/SMD rework system /Jig

HAKKO **FR-701** **ESD SAFE**
REPAIR SYSTEM



Powerful Rework Station
Safer and more secure rework operation
with upgraded soldering and desoldering tools
2-in-1 unit for space saving
Compatible with N2 system by purchasing [N2 iron \(FX-8802\)](#) as an optional accessory

Available in:



[> Contact Us](#)

[> Catalog](#)

[> Manuals / SDS / Engineering documents](#)

Features

[Packing List / Specifications](#)

[Soldering Tip / Nozzle](#)

[Replacement Parts / Option](#)

[Maintenance](#)

Features

Dual function rework station with FR-4101, 140W high power desoldering gun, and FX-8801, soldering iron, 2-in-1 unit for space saving

6 applications for a variety of soldering and desoldering works

Besides FR-4101, 140W desoldering gun, and FX-8801, soldering iron, 4 more applications are compatible with FR-701.

Tips (T18 and T19 series) and nozzles (N61 series) deliver excellent cost efficiency.



Desoldering gun
HAKKO FR-4101

140W

With $\Phi 1.0\text{mm}$
S type nozzle



- 140 W high powers enable perfect desoldering for the components on multi-layer PWB.
- A wide selection of nozzle, with the addition of new types, is available for a variety of desoldering works.

[View the details](#)

N61 series nozzles

Soldering iron M type
HAKKO FX-8801

65W

With B tip



- Takes T18 tip series with improved thermal conductivity
- [View the details](#)

T18 series tips

Standard

Soldering iron L type
HAKKO FX-8805

65W

With B tip

N2 Soldering iron
HAKKO FX-8802

65W

With B tip

One-hand Manual-solder-
feed iron
HAKKO FX-8803

65W





With 3CF tip

SMD hot tweezer
HAKKO FX-8804

65W

With Chip
2L tips

Option

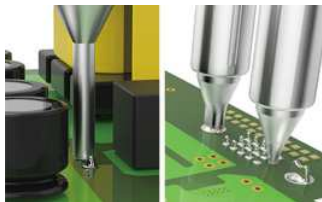
 <p>View the details</p>	 <p>View the details</p>	 <p>View the details</p>	 <p>View the details</p>
T19 series tips	T18 series tips		950/FX-8804 series tips

High-power Desoldering gun HAKKO FR-4101

Increasing the power to 140 W from 50 W of our previous models (HAKKO 474 · 475), it can make it easy to desolder on multi-layer PWB which was never an easy job, and it can also shorten the process time.

A wide selection of nozzle, with the addition of new types, is available for a variety of desoldering works.

- Long type nozzles for narrow space
- Oval shape nozzles for flat terminals
- SS type nozzles for micro land-patterns



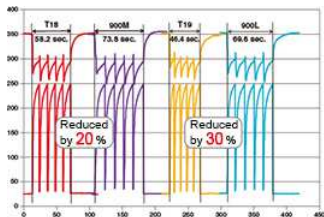
[Click here for more information about HAKKO FR-410.](#)

Soldering iron HAKKO FX-8801/FX-8805

Thermal conductivity has been increased by reviewing external configuration and internal structure of 900 tip series.

Now T18 and T19 tip series are selectable depend on work environment.

[Click here for more information about HAKKO FX-8801/FX-8805](#)



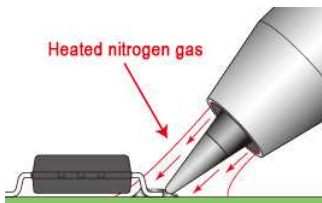
N2 soldering iron HAKKO FX-8802

The N2 gas runs into the nozzle assembly and covers over the soldering tip. It prevents the soldering tip and the heater from being readily oxidized and performs great role as a preheating. Two effects of N2 system, preventing oxidation or preheating effect, can improve soldering defects such as bridging, protrusion icicle, insufficient solder filling in PTH, etc.

T18 tips series are compatible with this application.

[Click here for more information about HAKKO FX-8802.](#)

[N2 system required equipments](#)



One-hand Manual-solder-feed iron HAKKO FX-8803

- Solder and feed with one hand
- Feed a set amount of solder with one hand
- Manual feed system is perfect for cellular manufacturing.
- Soldering work can be conducted at the pace of the operator.
- T18 tips series are compatible with this application.

[Click here for more information about HAKKO FX-8803.](#)



SMD Hot Tweezer HAKKO FX-8804

- Direct heating—less influence upon surrounding components on crowded boards.
- Easily removes SMD chips and flat packages up to 25mm.
- The collet allows easy replacement and alignment of the tips.

[Click here for more information about HAKKO FX-8804.](#)

