

FR-301

Nozzle quick change type

Portable Desoldering Tool

Nozzle included



- Power switch and adjustable temperature control built in the handle
- Use of high thermal efficiency N61 series nozzles
- Reduction of solder clogging by improved heating core (in comparison with the previous model)

Packing List

FR-301	Unit, Pre-filter, Ceramic paper filter (L, qty 2), Nozzle wrench, Iron holder (simple type), Cleaning pin for heating core, Cleaning pin for $\phi 1$ mm nozzle, Instruction manual
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Provided in a carrying case

Specifications

Model No.	FR-301
Power consumption	100 V 98 W (50/60 Hz) 110 V 122 W (50/60 Hz) 120 V 140 W (60 Hz) 220 V 100 W (50/60 Hz) 230 V 110 W (50/60 Hz) 240 V 120 W (50/60 Hz)
Temperature range	350 to 500 °C
Nozzle to ground resistance	<2 Ω
Nozzle to ground potential	<2 mV
Vacuum generator	Diaphragm pump
Vacuum pressure	81 kPa (610 mmHg)
Suction flow	11 L/min.
Heating element	Ceramic heater
Standard nozzle	$\phi 1$ mm (No.N61-08)
Dimensions	215 (W) \times 226 (H) mm (with $\phi 1$ mm (No.N61-08) nozzle)
Weight*	0.52 kg (with $\phi 1$ mm (No.N61-08) nozzle)

* Without cord

Features

Easy temperature control

LED indicators let you easily see when the heater is active and idling at your temperature setting.

- Temperature range
- Setting 1 350°C
- Setting 2 400°C
- Setting 3 450°C
- Setting 4 500°C



Quick-change nozzle replacement with special tools

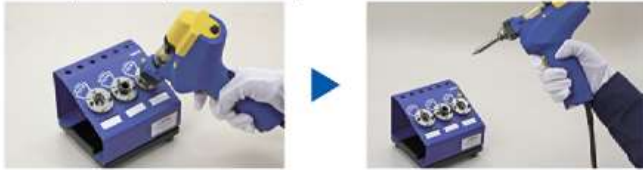
- Provided nozzle wrench



- Optional accessory Nozzle quick changer

Quick and safe nozzle replacement with nozzle quick changer
 * It can't be used for the previous model (FR-300).

Nozzle quick changer for FR-301: part No. C5046



* The positioning jig (No. B5231) is separately required for oval type nozzle.

A wide selection of nozzles (N61 series)

SS type nozzles
for micro land patterns



Oval shape nozzles
for flat terminals



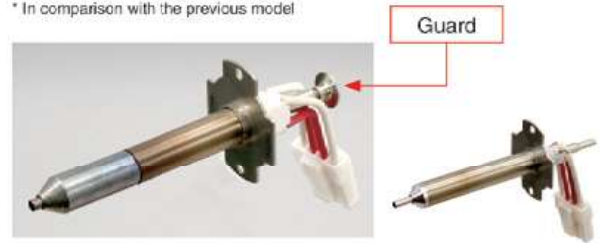
Long type nozzles
for narrow space



Reduction of solder clogging by improved heating core

This additional guard prevents a temperature drop of the heating core by making contact with the front holder and it enables to reduce solder clogging.

* In comparison with the previous model



Heating core of the previous product (FR-300)

Replacement Nozzles

Unit : mm

SS type	N61-01	N61-02	N61-03	
S type	N61-04	N61-05	N61-06	
Standard type	N61-07	N61-08	N61-09	N61-10
Long type	N61-11	N61-12	N61-13	N61-14
Oval type	N61-15	N61-16		

* N61 series nozzles can also be used for FR-410 desoldering station.