# FR-4003

## **ULTRA HEAVY-DUTY DESOLDERING GUN**

The HAKKO FR-4003 Ultra Heavy-Duty Desoldering Gun handpiece is designed to work with the FR-400 Desoldering Station. The handpiece operates between a temperature range of 660 °F - 940 °F through a composite ceramic heating core and also features a solder collection chamber for efficient solder removal.



FEATURES & BENEFITS
• Designed for the FR-400 [

- esoldering station
- Improved handpiece with quick change nozzle mechanism
- Large solder collection chamber is 3X larger in capacity than other Hakko desoldering stations and can be cleaned and re-used thus reducing environmental waste

## **FILTERS**

Part No.	Description		
A5045	Ceramic filters (10 pack)		

#### SPECIFICATIONS For Part No. FR4003-81

Nozzle Series	N60 see below
Station Compatibility	FR-400 see page 54
Power Consumption	300 W
Nozzle-to-Ground Resistance	<2Ω
Nozzle-to-Ground Potential	< 2 mV
Heater	HAKKO Composite Ceramic™
Standard Nozzle (included)	N60-02 (0.04 in. / 1.0 mm)

**CLEANING PINS & DRILLS** 

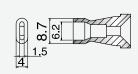
see page 57

### **N60** SERIES NOZZLES

#### **N60 SERIES NOZZLES FOR USE WITH FR-4003 DESOLDERING GUN**

N60-01	N60-02	N60-03	N60-04
00.8	01	03.2	03.5
N60-05	N60-06	N60-07	N60-08
9.100	90.50	N	1.5

N60-09
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UNIT: mm