

RoHS
Compliant

Soldering Station



2542924

Features

- Adjustable Soldering Station
- 220-240V AC 50Hz 48W Blue colour
- Hi-quality tip C1-1
- Natural mica heater
- Temperature: 150 - 480°C
- BS plug

Desoldering Pump



2542906

Specification

Length : 197mm
Body Diameter : 20mm
Tip Hole Diameter : 3.2mm

Side Cutter



1328715

Features

- Mini cutters and pliers for precision work
- Drop forged
- Double-dipped handles for added comfort
- Jaw Capacity: 25mm
- Length: 120mm

Tweezer



2768629

Tips: angled, squared, flat. OAL: 115 mm

Wire Stripper



3498395

Desoldering Wick



2768726

Specifications

Dispenser Type : Thumb Wheel, Black
Width : 0.5mm / 1mm / 1.5mm / 2mm / 2.5mm / 3mm / 3.5mm
Length : 1.5m

Features

- Thumb-wheel design can ensure easy control on the desoldering wire feeding speed
- With the stainless steel nozzle, the finger will not feel hot during operation
- Desoldering wire is vacuum sealed inside to protect it from moisture and to prolong the life span of the product
- Coating of flux provides dependable, long-lasting protection from oxidation
- Desoldering wire design can simplify the desoldering of printed circuit board components, non-PC board applications, etc.

Solder Wire



3262211

Features

- Excellent solder joint reliability.
- Superior joint strength.
- Excellent thermal & Mechanical fatigue resistance.
- Low cleaning required after solder joint.

Specifications

Characteristics		Standard
Appearance	Bright and shiny surface finishes	
Alloy	Sn/ Cu 0.7	JIS-Z-3282
Melting Point	227°C to 228°C	DSC
Flux Content	3 ±1%	JIS-Z-3283
Halide Content	Under 0.5%	JIS-Z-3197
Gravity	7.3	
Spread Ability	>75%	JIS-Z-3197
Diameters (Tolerances)	0.3mm to 0.6mm ±0.05mm, 0.8mm to 3mm ±0.1mm	JIS-Z-3283
Storage, Handling and Shelf Life	Storage must be in a dry, non-corrosive and shine environment. Avoids the oxidant, the acid and the hydrogen peroxide. Shelf life is 2 years from date of manufacture.	

Physical Properties & Reliability Data

No	Test Item	Test Result	Test Method
1	Copper Mirror Test	PASS	IPC-TM-650, 2.3.32
2	Copper Plate Corrosion	PASS	JIS-Z-3197, 6.6.1
3	S.I.R Test	PASS 1 × 1010 up	IPC-TM-650, 2.6.3.3
4	Electro Migration Test	PASS 1 × 1010 up	IPC-TM-650, 2.6.14.1

Alloy Composition

Sn	Cu	Ag	Ni	Bi	Zn	Ai	Sb	Fe	As	Cd	Pb	In	Au
Rem.	0.5 to 0.9	0.1 MAX	0 to 0.01	0.1 MAX	0.001 MAX	0.001 MAX	0.05 MAX	0.02 MAX	0.03 MAX	0.002 MAX	0.05 MAX	0.1 MAX	0.05 MAX

Long Nose Plier



2916989

Hardness

Hardness of body (HRC) : 48±3
Hardness of cutting edge (HRC) : 48±3

Duratool Soldering Kit



Physical and function

Making Pliers : Stamped
Surface Finish of body : Black oxide finished
Material of body : Middle Carbon steels 65Mn (S55C)
Colour of body : Black
Spring : Return spring
Handle assemble : Sleeve
Material of handle : TPR
Colour of handle : Black, Green
OAL (mm) : 150

Master Packing

Type	Pieces	Net Weight (Kg)	Gross Weight (Kg)	Measurement			CUFT
				L(cm)	W(cm)	H(cm)	
Individual Packing	1	-	0.1	18.5	7.5	1.7	-
Inner Box	12	0	0	0	0	0	0
CTN	144	15	16.5	49.5	38.5	26.5	1.78

Kit Content Description		
Order Code	Description	Quantity
2542924	Duratool Soldering Station	1
2542906	Duratool Desoldering Pump	1
1328715	Duratool Side Cutters	1
2768629	Tweezers	1
3498395	Wire Strippers	1
2768726	Desoldering Wick	1
3262211	Solder Wire	1
2916989	Long Nose Pliers	1

Part Number Table

Description	Part Number
Duratool Soldering Kit	35421397

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