

Basic Soldering Kit



Description:

No-nonsense, low cost station is designed for the hobbyist or classroom where durability, physical size and budget are a concern. It is also perfect for occasional use in the home workshop or tech bench.

Kit Contents:

Description	Part Number
Tenma, Soldering Station, 50W, 110V AC	21-7945
Duratool, Desoldering Pump	SD01154
Duratool, Solder Wire, 60/40 SN/PB, 190°C, 0.0438lb.	SPC22159
Duratool, 1/2oz. Lead Free Tip Tinner	1471

Solder Station

Features:

- Rotary temperature setting
- Integral tip cleaner, with included cleaning sponge
- One Plato conical tip supplied (#21-7944)

Specifications:

Temperature Range : 100°F to 800°F
Heating Element : 110V AC, 50W
Iron Length : 7-3/4"
Overall Dimensions : 3-3/4" (H) × 4-1/2" (W) × 5-3/4" (D)

Desoldering Pump

Specifications:

Desolder Tool Type : Pump
Tip / Nozzle Length : 7.64"
Tip / Nozzle O.D. : 0.13"
Tool Body Material : Aluminium
Tip hole diameter : 0.13"
Length : 7.64"
External diameter : 0.78"

Lead Free Tip Tinner

Specifications:

Cleaner Type : Tip Tinner
Cleaner Applications : Soldering Tips
Dispensing Method : Container



Basic Soldering Kit



No-Clean Leaded Wire Solder

Specifications:

Formulation	: NC600
Colour & Appearance	: Lt. Opaque Solid
Softening Point, Co° (Flux Extract)	: 75°C
Acid No. (mgKOH/g sample)	: 190 to 210
Silver Chromate (Qualitative Halides)	: No-Detection
Classification Per J-STD-004	: REL0
SIR	: >1 × 10 ⁹
Shelf Life	: Indefinite
Residue Removal	: Not required. If desired use Qualitek 1005 Saponifier
External Diameter - Metric	: 0.813mm
External Diameter - Imperial	: 0.032"
Solder Alloy	: 60, 40 Sn, Pb
Weight	: 0.0438lb

Standard Wire Diameters:

Diameter / Inch	0.125	0.092	0.062	0.05	0.04	0.032	0.025	0.02	0.015	0.01
Diameter / mm	3.17	2.3	1.57	1.27	1.01	0.81	0.63	0.5	0.38	0.25
STD.Wire Gauge	11	13	16	18	19	21	23	25	28	31

Part Number Table

Description	Part Number
Basic Soldering Kit	8429-6311

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