

MCH-100 ACCESSORIES AND REPAIR PARTS

MCH-100-A

Complete Kit

The MCH-100-A packaged for deployment. The complete tool with Battery Charger, field carry case, heat gun and power supply. The versatility of the MCH-100 Heat Gun allows great flexibility to perform any task that requires a source of heat in the field.



MCH-100-AB Battle Damage Assessment and Repair Kit

Malcom Company offers a powerful, fully portable, battery powered heat gun and soldering iron kit. The MCH-100-AB battery powered BDAR HEAT GUN KIT was developed specifically for soldering, de-soldering, shrink tube and solder sleeves work that needs to be done in the field for repairs from Battle Damage.

The MCH-100-AB is packaged in a rugged case with foam cut outs and wheels for easy packaging and transportation. The MCH-100-AB provides a complete package for electronic field repairs. The high temperature heat gun is ideal for installing heat shrinkable tubing, shrink boots and solder sleeves: while the soldering iron can perform a variety of different electronics repair.



MCH-100 ACCESSORIES AND REPAIR PARTS

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MAJOR COMPONENTS

PART #

DESCRIPTION

MCH-111.038.1

Heat gun, 42V, 330 watts, Size 9.5 long x 3" x 1.6" Diameter handle, weight 13 oz, airflow 2.66 CFM (75 l/min) cold air, air pressure approximately 16 mbar, Black ABS (acrylonitrile Butadiene Styrene) handle, Stainless Steel heating element w/ protective cover, On/Off switch for heating element activation, air filter for air intake, internal DC carbon brushed motor with an attached fan providing the airflow stream.



PART #

DESCRIPTION

MCH-100-BC

Battery case complete, reinforced fiberglass, EMI Shielding, pressure release valve, handle, padding for internal batteries, hinges, watertight gasket, size = 11" x 6.25" x 9.4", weight 4.5 pounds, with butterfly twist/lock latches.



PART #

DESCRIPTION

MCH-103.2

Wire harness complete, includes custom battery connector, 10' EMI shielded power cord, EMI shielded On/Off switch with water proof cover and female connector.



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HEATING ELEMENTS

PART

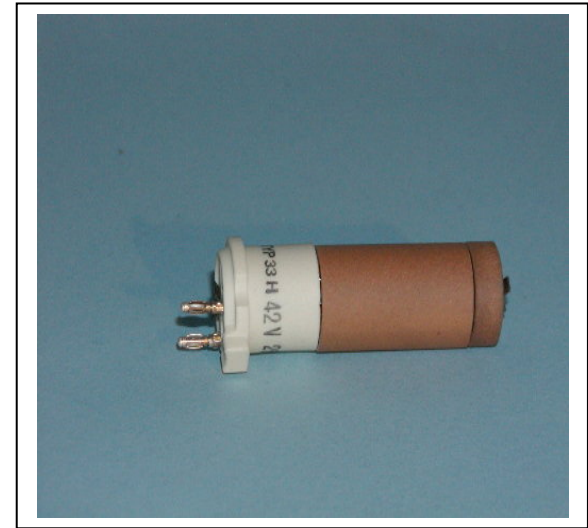
DESCRIPTION

111.182

Heating Element, **300 watts**, ceramic encased
NiChrome filament wire, with two prong male plug

111.347

Heating Element, **400 watts**, ceramic encased
NiChrome filament wire, with two prong male plug



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NOZZLES

PART

DESCRIPTION

111.476

Sieve reflector 10mm for solder and shrink sleeves, made from 304 stainless steel, bayonet type push fit twist lock.



112.025

5MM round nozzle, bayonet type push fit twist lock.



112.028

Spoon reflector 15mm for solder and shrink sleeves, made from 304 stainless steel, bayonet type push fit twist lock.



111.478

Spoon reflector 20mm for solder and shrink sleeves, made from 304 stainless steel, bayonet type push fit twist lock.



MCH-100 ACCESSORIES AND REPAIR PARTS

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ACCESSORIES

PART #

DESCRIPTION

111.474

160 mm x 10 mm sieve reflector nozzle insulated.



PART #

DESCRIPTION

MCH-116 Kit

50W 42V battery powered soldering iron kit with 3 tips.

- **T 44017** Conical
- **T420135** Semi chisel
- **T450172** Beveled



PART #

DESCRIPTION

MCH-110

Carry case, made out of reinforced PVC chemical resistant material includes shoulder straps and pockets for tools and accessories with Velcro closure, rugged chemical and abrasion resistance feet on bottom of case, pocket for hot air tool able to withstand 1200°F case size 12.5" x 11.5" x 7", weight 2.75 pounds, color olive drab.



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BATTERY, BATTERY CHARGER, and BATTERY ADAPTER

PART #

DESCRIPTION

BT-70790

24 volt rechargeable Battery from Bren-Tronics
(NMH) Nickel Metal Hydride



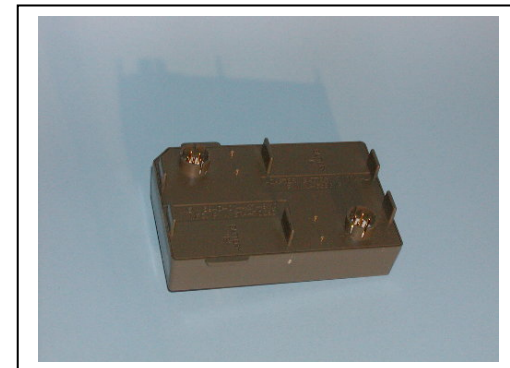
BTC-70819

Universal battery charger from Bren-Tronics



BTA-70834

Battery charger adapter plate from Bren-Tronics



MCH-100 ACCESSORIES AND REPAIR PARTS

MCH-100-A HEAT GUN PARTS AVAILABLE

PART #	DESCRIPTION
100.811	Commercial Screw, Machine cover (M3x.5x6 mm)
100.817	Commercial Screw, element, housing (M3x.5x8 mm)
100.819	Mica tube
100.802	Separation ring
100.816	Commercial Screw, wire clamp (M3x.5x10 mm)
100.775	Commercial Washer (M3)
100.808	Wire clamp, plastic
100.807	Cord guard wire retainer
9D.22.02	Hot Air element cover bayonet type
107.227	Ground clip