

Soldering Kit / Heat Tint Removal Systems

Weller™ Soldering Professional D550PK Kit

8-piece heavy-duty soldering kit featuring the versatile Weller™ Model D550 soldering gun with tin plated heavy copper tip. Kit also includes:

- 1 sealing tip
- 1 cutting tip
- 1 soldering tip
- Flux brush
- Soldering aid tool
- Coil of lead free solder
- Sturdy plastic carrying case
- Soldering hints booklet
- UL listed



Part No. D550PK

Part No.	Description	Watts	Volts	HZ	Shelf Pack
8200PK	Universal gun kit	140/100	120	50/60	3
D550	Professional soldering gun	260/200	120	50/60	3
D550PK	Professional soldering kit	260/200	120	50/60	3
SP40L	Marksman soldering iron	40	120	50/60	6

Welding Accessories

6

DYNAFLUX, INC.

Heat Tint Removal Systems

- Fast effective clean-up.
- Removes discoloration from heat affected weld zones on stainless steel and many other alloys.
- Eliminates the need for grinding, sanding and polishing.
- No dangerous acids or costly clean-up and disposal.
- Uses AC outlet.
- Machines come complete with 16 oz. cleaning solution and 6 replacement boots or pads.



Complete Machines

Part No.	Description	Specifications
HTR121S	With spoon applicator	115 vac
HTR121R	With roller applicator	115 vac

Accessories

Part No.	Description
HTR120-3*	Spoon applicator replacement boots (1 case of 5 bags/6 boots per bag)
HTR120-3A	Spoon applicator replacement boots (6 boots per bag)
HTR120-8*	Roller applicator replacement pads (1 case of 5 bags/6 boots per bag)
HTR120-8A	Roller applicator replacement pads (6 boots per bag)
HTR120-06	6 x 16 fluid ounce bottles/case

*sold per case

R1100 V/G Water Recirculating Cooling System

The R1100V (Vane Pump) and the R1100G (Gear Pump) Cooling Systems are designed for:

- MIG guns: up to 750 amps
- TIG torches: up to 750 amps
- Plasma welders/ cutters: up to 200 amps
- Resistance welders: up to 75 KVA
- Induction welding: up to 5 KW



Specifications

- 15,000 BTU/Hr at 75 degree
- 3 gallon reservoir/ 1.8 gpm
- 115 or 230 single phase 50/ 60 Hz
- 15,000 BTU
- 23" L x 11" W x 14-3/4" H
- Net Wt: 42 lbs/19 kg

Part No.	Cooling System	Description
R1100V-115	Vane pump	115 50/60 Hz 1ph
R1100G-115	Gear pump	115 50/60 Hz 1ph

R2200V Water Recirculating Cooling System w/ Vane Pump

- MIG guns: up to 1000 amps
- TIG torches: up to 1000 amps
- Plasma welders: up to 300 amps
- Resistance welders: up to 150 KVA
- Induction welding: up to 10 KW



Specifications:

- Factory set at 50 psi adjustable to 125 psi
- 15 gallon reservoir / 4.0 gpm
- 115 or 230 vac. Single phase 50/60 Hz
- 30,000 BTU
- Dimensions: 23" L x 16" W x 25.5" H
- 5/8 LH Std. Inert Gas fittings - 1/4 FPT
- 8 foot power cord
- Visible water level through tank
- Thermal overload
- Net wt. 70 lbs. / 32 kg

Part No. R2200V-115

VH100 V/G Water Recirculating Cooling System w/ Gear Pump

The VH1000V (Vane Pump) and the VH1000G (Gear Pump) Cooling Systems are designed for:

- MIG guns: up to 500 amps
- TIG torches: up to 500 amps
- Plasma welders/cutters: up 150 amps
- Resistance welders: up to 60 KVA



Specifications

- 12,000 BTU/ hr., at 75 degree differential
- Operates in both vertical and horizontal positions
- 2 gallon reservoir/ 1.8 gpm
- 115 or 230 VAC single phase 50/60 hz.
- 9" L x 9" W x 26" H
- Net Wt: 33 lbs./15 kg

Part No.	Cooling System	Description
VH1000V-115	Vane pump	115 50/60 Hz 1ph
VH1000G-115	Gear pump	115 50/60 Hz 1ph

TIG-er w/ TIG Torch Cooling System

The TIG-er Cooling System is designed for:

- TIG torches: up to 250 amps
- MIG guns: up to 250 amps



Specifications:

- Factory set at 50 psi adjustable to 80 psi
- 2 gallon reservoir
- 115 or 230 vac. Single phase 50/60 Hz
- 3.2 / 1.5 amp : 60 Hz
- 10,000 BTU
- Dimensions: 12" L x 14" W x 9" H
- 1/4" Female Pipe Fitting (water in/out) 5/8 LH Standard inert gas fittings
- 8 foot power cord
- Visible water level through tank
- Thermal overload
- Net Wt. 30 lbs. / 13.6 kg

Part No. TIGER-115

PCII V/G Cooling System

The Pro Cool II V/G Cooling System is designed for:

- MIG guns: up to 500 amps
- TIG torches: up to 500 amps
- Resistance welders: up to 60 KVA
- 12,000 BTU1



Specifications

- Available with VANE pump (PCIIV) or GEAR pump (PCIIG)
- Factory set at 50 psi adjustable to 80 psi
- 3 gallon reservoir / 1.8 gpm
- 115 or 230 vac. Single phase 50/60 Hz
- Dimensions: 18" L x 14" W x 9" H
- 5/8 LH Std. Inert Gas fittings - 1/4 FPT
- 8 foot power cord
- Visible water level through tank
- Net wt. 37 lbs. / 17 kg

Part No.	Cooling System	Description
PCIIV-115	Vane pump	115 or 230 Vac 50/60 Hz 1ph
PCIIG-115	Gear pump	115 or 230 Vac 50/60 Hz 1ph

NDT Penetrants / Anti-Spatter / Galv Spray

Non-Destructive Testing Procedures

Visible liquid dye penetrant testing is a process of detecting faults in welds, castings, exotic alloys or standard materials. Faults could be cracks, pin holes or welding laps on the metal surface. Testing procedure for nuclear application is the same as standard procedure. Standard and nuclear grade products meet or exceed the following government specifications:

- Meets the requirements of MIL-1-25135C (Amendment III).
- Materials have been tested for halogens and sulfur per the following tests:
 - a. MIL-STD271D, NTR-1A (31 March 1970) Paragraph 5.3.
 - b. ASME Boiler and Pressure Vessel Code, Section V, Nondestructive Examination, Winter 1974 Addenda Paragraph T-630, as amended December 1986, Paragraph T-630.
 - c. ASTM E-165 (Reapproved 1983)
 - d. MIL-STD 271E (31 October 1973) Paragraph 5.3.1 and NTR-1D (July 14, 1975) Paragraph 5.3
 - e. NAVSHIPS 250-1500-1 (Rev. 8 June 1971 and Rev. 9 August 1973) Paragraph 12.5.1.1
 - f. RDT Standard F3-6T (May 1974) Article 6, Paragraph T-360.



**Kits
Crack Check Standard Grade Kit**

- 4 cans/case
 - 2 cans CNF315-16
 - 1 can DNF315-16
 - 1 can PHF315-16
- Part No. DF315-KIT-S**

Nuclear Grade Kit

- 4 cans/ case
 - 2 cans CF315-16,
 - 1 can DF315-16
 - 1 can PHF315-16
- Part No. DF315-KIT-N**

Product	Part No.	Description
CNF Cleaner (Standard Grade)	CNF315-16	12 x 15.1 oz. net wt. cans/case
	CNF315-4x1	1 gallon
	CNF315-5	5 gallon pail
CF Cleaner (Nuclear Grade)	CF315-5	5 gallon
	CF315-16	12 x 8.5 oz. net wt. cans/case
	CF315-4x1	1 gallon
PHF Penetrant (Standard/Nuclear)	PHF315-16	12 x 9.4 oz. net wt. cans/case
	PHF315-4x1	1 gallon
	PHF315-5	5 gallon pail
WW Penetrant (Standard/Nuclear)	PWW315-16	12 x 9.4 oz. net wt. cans/case
	PWW315-4x1	1 gallon
	PWW315-5	5 gallon pail
DNF Developer (Standard Grade)	DNF315-16	12 x 14.2 oz. net wt. cans/case
	DNF315-4x1	1 gallon
	DNF315-5	5 gallon pail
DF Developer (Nuclear Grade)	DF315-5	5 gallon
	DF315-16	12 x 9.0 oz. net wt. cans/case
	DF315-4x1	1 gallon

Nozzle Gel

Provides excellent protection against weld spatter, build-up on MIG. gun nozzles, tips, positioners, stud welding chucks and electrode holders on all semi and automatic welding apparatus.

- Will not cause porosity.
- Silicone free.
- Solvent based.
- Non-Flammable.



Part No. DF731-16

Brite Galv Galvanizing Spray

Brite Galv produces a hard coating that will stop rust on all metal surfaces. Contains metallic zinc dust, resin and other additives to provide the look of new galvanizing. Brite Galv is equivalent to hot dip galvanizing in cathodic protection, has film durability and protects against caustic action salt spray. Available in aerosol, gallons and quarts.

- Non-Flammable



Part No. DF305

Product	Part No.	Description
Anti-Spatter	DF200-16	12 x 16 oz aerosol can
	DF200-20	12 x 24 oz aerosol can
	DF200-4X1	4 x 1 gallon case
	DF200-5	5 gallon pail
	DF200-55	55 gallon drum
Anti-Spatter Nozzle Gel	DF731-16	12 x 16 fl. oz. jars
Brite Galv	DF305-16	16 oz. aerosol can
	DF305-2X1	1 gallon case
	DF305-6x1	1 quart case
Spray Galv	DF306-16	12 x 16 oz aerosol can
	DF306-2X1	2 x 1 gallon case
	DF306-6X1	6 x 1 quart case

Product	Part No.	Description
Safe-De-Spat Anti-Spatter	DF390-16	12 x 16 oz aerosol can
	DF390-4X1	4 x 1 gallon case
	DF390-5	5 gallon pail
	DF390-55	55 gallon drum
Enviro-Spat Anti-Spatter	DF400-16	12 x 16 oz aerosol can
	DF400-4X1	4 x 1 gallon case
	DF400-5	5 gallon pail
	DF400-55	55 gallon drum
Chem-Sharp	DF600-6	6 x 4.5 oz jar/ case
	DF601-6	Aluminum holder, 6 holders/ case
	DF602-4	Chem-Sharp kit, 4 kits per case
Wire Feed Pads and Lubricant	DF500-6X10	Treated pads 6/pk
	DF501-6X10	Untreated pads 6/pk
	DF502-12X4	Wire feed lubricant 4oz
Nozzle Gel	DF731-16	16 fl. oz
Aluminum Cleaner	DF781-12X1	1 quart case
	DF781-4X1	1 gallon case
	DF781-55	55 gallon drum
Gas Leak Detectors	DF800-12X4	4 oz. squeeze bottle
	DF800-4X1	1 gallon case
	DF800-5	5 gallon
	DF800-55	55 gallon drum
Heat Tint Removal	DF790-06	6 x 550 gram bottles
Safety Solvent	DF365-16	12 x 14 oz aerosol can
Blue Layout Fluid	DF304-16	12 x 11.5 oz aerosol can
Layout Fluid Remover	DF303-20	12 x 15.1 oz aerosol can

Coolant / Penetrant Kits

Defense

Anti-Freeze and Pump Lubricant

Defense provides year round protection for Dynaflux water coolers and other closed loop water recirculators. Defense protects from freezing to -30° F. A dilution of two parts Defense to one part water protects to -10° F. A dilution of one part Defense to one part water protects to +10° F. Defense reduces water evaporation; therefore less water fill maintenance is required. Lubricates pump to help prevent pump wear.
NOTE: Plasma Compatible
Use of automotive anti-freeze voids warranty and shortens pump life.



Part No.	Description
DF929-4x1	4 x 1 gallon case
DF929-5	5 gallon pail
DF929-55	55 gallon drum

MAGNAFLUX

Spotcheck® Penetrant Kits

SK-416 Crack Detection Kit

- Reveals stress cracks, porosity, weld defects, etc.
- Easy to transport for field inspections.
- Includes SKL-SP1 penetrant, SKD-S2 developer, SKC-S cleaner, marking pen, packets of Scrubs™, wiping cloth, instructions and carrying case.



Part No. 01-5970-48

Part No.	Description	UM
01-5750-79	SKC-S aerosol cleaner 16 oz. 9/cs	Case
01-5150-79	SKL-SP1 aerosol penetrant 16 oz. 9/cs	Case
01-5182-79	SKL-WP aerosol penetrant 16 oz. 9/cs	Case
01-5352-79	SKD-S2 aerosol developer 16 oz. 9/cs	Case
01-5970-48	SK-416 Spotcheck kit 16 oz. 4/pk	Pack
01-5920-48	SK-816 kit-2 pen/2 dev/4 cln 16 oz. cans	Each

AC Yoke Kits

- AC Yoke locates surface defects in ferrous parts.
- Each kit includes AC yoke with jointed legs, red and gray dry powder and instructions.
- Y-7 DC yoke kit also available for finding slightly subsurface cracks.



Part No. 45291

Part No.	Description	UM
45291	Y-6 yoke kit	Each
43550	Y-7 yoke AC/DC 115v	Each
43509	Y-7 yoke kit	Each
01-1780-81	8A red magnetic part 25 lbs.	Each
01-1780-69	8A red particle powder 10 lbs.	Each
01-1716-81	1 gray magnetic part 25 lbs.	Each
01-1716-72	1 gray magnetic part 1 lb.	Case
01-1716-69	1 gray magnetic part 10 lbs.	Each

Zygo Fluorescent Penetrant Kit

ZA-70 Zygo® Fluorescent Kit

- Zygo fluorescent penetrant kits provide more sensitivity to locate fine cracks.
- Inspections require darkened area and black light.
- Includes ZL-27A penetrant, ZP-9F developer, SKC-S cleaner, ZB-100F black light, accessories, instructions and carrying case.



Part No. 600047

Part No.	Description	UM
600047	ZA-70 fluorescent penetrant kit/16 oz	Each
600004	ZB-100F black light	Each
01-3930-48	ZA-70R refill kit 16 oz. cans	Each
01-3354-79	ZP-9F aerosol developer 16 oz. 9/cs	Case
01-3272-79	ZL-60D aerosol penetrant 16 oz. 9/cs	Case
01-3187-79	ZL-27A aerosol pen 16 oz. 9/cs	Case

MagnaFlo™ Fluorescent Kit

- Kit Includes:
- Fan cooled ZB-100F black light 115v, 60HZ.
 - 2-16 oz. cans- 14AM.
 - 2-16 oz. cans- SKC-5.
 - Paint marker, scrubs, wiping cloth, portable carrying case and instructions.
 - Used with yoke, coil or power supply, (sold separately).



Part No. 600088

Part No.	Description	UM
600088	MagnaFlo™ fluorescent kit 16 oz.	Each
01-1725-38	14A Aqua-glo 12 oz. 12/cs	Case
01-0179-84	20B particle 30 lbs.	Each
01-0179-71	20B particle 1lb. 6/cs	Case
01-0145-79	14AM aerosol particle 16 oz. 9/cs	Case
01-0130-71	14A fluorescent part 1 lb. 6/cs	Case
01-0130-57	14A fluorescent part 1 lb.	Each