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

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

DYNALUX, 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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTR121S</td>
<td>With spoon applicator</td>
<td>115 vac</td>
</tr>
<tr>
<td>HTR121R</td>
<td>With roller applicator</td>
<td>115 vac</td>
</tr>
</tbody>
</table>

Accessories

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

*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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Cooling System</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1100V-115</td>
<td>Vane pump</td>
<td>115 50/60 Hz 1ph</td>
</tr>
<tr>
<td>R1100G-115</td>
<td>Gear pump</td>
<td>115 50/60 Hz 1ph</td>
</tr>
</tbody>
</table>

**VH100 V/G Water Recirculating Cooling System w/ Gear Pump**
The VH100V (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 to 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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Cooling System</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VH1000V-115</td>
<td>Vane pump</td>
<td>115 50/60 Hz 1ph</td>
</tr>
<tr>
<td>VH1000G-115</td>
<td>Gear pump</td>
<td>115 50/60 Hz 1ph</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Cooling System</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R2200V-115</td>
<td>Vane pump</td>
<td>115 50/60 Hz 1ph</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Cooling System</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIGER-115</td>
<td>Vane pump</td>
<td>115 50/60 Hz 1ph</td>
</tr>
</tbody>
</table>

**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 BTU/H

**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: 16” 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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Cooling System</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCIIV-115</td>
<td>Vane pump</td>
<td>115 or 230 Vac 50/60 Hz 1ph</td>
</tr>
<tr>
<td>PCIIG-115</td>
<td>Gear pump</td>
<td>115 or 230 Vac 50/60 Hz 1ph</td>
</tr>
</tbody>
</table>
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:
  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

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

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.

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

<table>
<thead>
<tr>
<th>Product</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safe-De-Spat Anti-Spatter</td>
<td>DF90-16</td>
<td>12 x 16 oz aerosol can</td>
</tr>
<tr>
<td></td>
<td>DF90-4X1</td>
<td>4 x 1 gallon case</td>
</tr>
<tr>
<td></td>
<td>DF90-5</td>
<td>5 gallon pail</td>
</tr>
<tr>
<td></td>
<td>DF90-55</td>
<td>55 gallon drum</td>
</tr>
<tr>
<td>Enviro-Spat Anti-Spatter</td>
<td>DF40-16</td>
<td>12 x 16 oz aerosol can</td>
</tr>
<tr>
<td></td>
<td>DF40-4X1</td>
<td>4 x 1 gallon case</td>
</tr>
<tr>
<td></td>
<td>DF40-5</td>
<td>5 gallon pail</td>
</tr>
<tr>
<td></td>
<td>DF40-55</td>
<td>55 gallon drum</td>
</tr>
<tr>
<td>Chem-Sharp</td>
<td>DF600-6</td>
<td>6 x 4.5 oz jar/ case</td>
</tr>
<tr>
<td></td>
<td>DF601-6</td>
<td>Aluminum holder, 6 holders/ case</td>
</tr>
<tr>
<td></td>
<td>DF602-4</td>
<td>Chem-Sharp kit, 4 kits per case</td>
</tr>
<tr>
<td>Wire Feed Pads and Lubricant</td>
<td>DF500-6X10</td>
<td>Treated pads 6/pk</td>
</tr>
<tr>
<td></td>
<td>DF501-6X10</td>
<td>Untreated pads 6/pk</td>
</tr>
<tr>
<td></td>
<td>DF502-12X4</td>
<td>Wire feed lubricant 4oz</td>
</tr>
<tr>
<td>Nozzle Gel</td>
<td>DF731-16</td>
<td>16 fl. oz</td>
</tr>
<tr>
<td>Aluminum Cleaner</td>
<td>DF781-12X1</td>
<td>1 quart case</td>
</tr>
<tr>
<td></td>
<td>DF781-4X1</td>
<td>1 gallon case</td>
</tr>
<tr>
<td></td>
<td>DF781-55</td>
<td>55 gallon drum</td>
</tr>
<tr>
<td>Gas Leak Detectors</td>
<td>DF800-12X4</td>
<td>4 oz. squeeze bottle</td>
</tr>
<tr>
<td></td>
<td>DF800-4X1</td>
<td>1 gallon case</td>
</tr>
<tr>
<td></td>
<td>DF800-5</td>
<td>5 gallon</td>
</tr>
<tr>
<td></td>
<td>DF800-55</td>
<td>55 gallon drum</td>
</tr>
<tr>
<td>Heat Tint Removal</td>
<td>DF790-06</td>
<td>6 x 550 gram bottles</td>
</tr>
<tr>
<td>Safety Solvent</td>
<td>DF865-16</td>
<td>12 x 14 oz aerosol can</td>
</tr>
<tr>
<td>Blue Layout Fluid</td>
<td>DF304-16</td>
<td>12 x 11.5 oz aerosol can</td>
</tr>
<tr>
<td>Layout Fluid Remover</td>
<td>DF303-20</td>
<td>12 x 15.1 oz aerosol can</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-Spatter</td>
<td>DF200-16</td>
<td>12 x 16 oz aerosol can</td>
</tr>
<tr>
<td></td>
<td>DF200-20</td>
<td>12 x 24 oz aerosol can</td>
</tr>
<tr>
<td></td>
<td>DF200-4X1</td>
<td>4 x 1 gallon case</td>
</tr>
<tr>
<td></td>
<td>DF200-5</td>
<td>5 gallon pail</td>
</tr>
<tr>
<td></td>
<td>DF200-55</td>
<td>55 gallon drum</td>
</tr>
<tr>
<td>Anti-Spatter Nozzle Gel</td>
<td>DF731-16</td>
<td>12 x 16 fl. oz. jars</td>
</tr>
<tr>
<td>Brite Galv</td>
<td>DF305-16</td>
<td>16 oz. aerosol can</td>
</tr>
<tr>
<td></td>
<td>DF305-2X1</td>
<td>1 gallon case</td>
</tr>
<tr>
<td></td>
<td>DF305-6X1</td>
<td>1 quart case</td>
</tr>
<tr>
<td>Spray Galv</td>
<td>DF306-16</td>
<td>12 x 16 oz aerosol can</td>
</tr>
<tr>
<td></td>
<td>DF306-2X1</td>
<td>2 x 1 gallon case</td>
</tr>
<tr>
<td></td>
<td>DF306-6X1</td>
<td>6 x 1 quart case</td>
</tr>
</tbody>
</table>
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.

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.

Zyglo Fluorescent Penetrant Kit
ZA-70 Zyglo® Fluorescent Kit
- Zyglo 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.

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.

Magnaglo™ Fluorescent Kit

Part No. Description UM

600088 Maganaglo™ 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 1 lb. 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

Part No. Description UM

600047 ZA-70 fluorescent penetrant kit/16 oz 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

Part No. Description UM

Part No. 01-5750-79 SKC-S aerosol cleaner 16 oz. 9/cs Case
Part No. 01-5150-79 SKL-SP1 aerosol penetrant 16 oz. 9/cs Case
Part No. 01-5182-79 SKL-WP aerosol penetrant 16 oz. 9/cs Case
Part No. 01-5352-79 SKD-S2 aerosol developer 16 oz. 9/cs Case
Part No. 01-5970-48 SK-416 Spotcheck kit 16 oz. 4/pk Pack
Part No. 01-5920-48 SK-816 kit-2 pen/2 dev/4 cln 16 oz. cans Each
Part No. 600047 ZA-70 fluorescent penetrant kit/16 oz Each
Part No. 600004 ZB-100F black light Each
Part No. 01-5920-48 SK-816 kit-2 pen/2 dev/4 cln 16 oz. cans Each
Part No. 600047 ZA-70 fluorescent penetrant kit/16 oz Each
Part No. 600047 ZA-70 fluorescent penetrant kit/16 oz Each
Part No. 01-3930-48 ZA-70R refill kit 16 oz. cans Each
Part No. 01-3354-79 ZP-9F aerosol developer 16 oz. 9/cs Case
Part No. 01-3272-79 ZL-60D aerosol penetrant 16 oz. 9/cs Case
Part No. 01-3187-79 ZL-27A aerosol pen 16 oz. 9/cs Case

Part No. Description UM

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