MultiSonic220™ is a production tool instead of a fancy toy. Weighting less than 33 pounds (15Kg), this powerful unit can generates up to 240A output while producing excellent arc, weld up to 1/2 inch steel, stainless steel, or aluminum, and capable of handle both 8 inch (200mm) spool and 4 inch (100mm) spool.

**Process:**
- MIG (GMAW)
- Flux Cored (FCAW)
- DC Lift TIG (GTAW)
- DC STICK (SMAW)

**Applications:**
- Light metal fabrication
- Construction
- Mechanical Contractors
- Automotive Repairs
- Farms & Ranches
- School & training facility
- Maintenance & Repairs

**Build-in with 2 separate solenoid valves for both MIG and TIG welding, allows professional TIG features like foot/finger tip remote current control, current slope down and trigger hold (2T/4T) possible.**

**Bright, 1 inch digital amp/volt meter are easy to monitor and can be pre-set for precise procedure control.**

**Purge and Jog switch which reduces the wire waste and down time is rarely seen in comparable 3-in-1 welders in the market.**

**Wide Voltage Adaption™ (WVA) input voltage regulation technology where the solid state circuit replaces contactor, allows MultiSonic220™ to tolerant input voltage variation from 90V to 460V.**

Advanced features like run-in (soft-start), burn back (wire end ball elimination), pre-flow and post flow are adjustable to obtain the best arc ignition performance. electronic induction control provides accurate and stable metal drop transfer and delivers beautiful welding bead. **Arc force (dig) prevents the electrode from sticking to steel when coming too close in stick welding.**

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**Quick specification**

<table>
<thead>
<tr>
<th>Input power</th>
<th>Amperage range</th>
<th>Rated output /duty cycle</th>
<th>Input current @ rated output</th>
<th>Max OCV</th>
<th>Wire feed speed</th>
<th>Dimension</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 115V/1Phase</td>
<td>MIG: 40-180A</td>
<td>MIG: 140A/35%/21V</td>
<td>MIG: 22.4A</td>
<td>59-649 IPM (1, 5-16.5 M/MIN)</td>
<td>20x8.2x15.7 IN (51x21x40CM)</td>
<td>33LB (15KG)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STICK: 10-110A</td>
<td>STICK: 110A/30%/24.4V</td>
<td>STICK: 17.5A</td>
<td>65V</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>TIG: 10-150A</td>
<td>TIG: 150A/40%/16V</td>
<td>TIG: 18.4A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC 208/230V/1Phase</td>
<td>MIG: 40-240A</td>
<td>MIG: 200A/30%/24V</td>
<td>MIG: 15.9A</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>STICK: 10-200A</td>
<td>STICK: 200A/35%/28V</td>
<td>STICK: 15A</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>TIG: 10-200A</td>
<td>TIG: 200A/25%/18V</td>
<td>TIG: 11.8A</td>
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</tbody>
</table>

This information is accurate to the best of our knowledge at the time of printing, WeldKing® reserves the right to change at any time without prior notice.
Standard unit includes

- 1 pc: MultiSonic220™ power source with 10 ft. (3m) power cord and NEMA 6-50P 230V plug.
- 1 pc: WeldKing® NT1-3E euro end MIG torch with Tweco style consumables 10ft (3m).
  (Order No. KAM31003)
- 2 pcs: 035 spare tips 11-35.
- 1 pc: 0.035/0.045 in (0.9/1.2mm) V groove drive rolls.
  (Order No. KAM41112)
- 1 pc: Argon regulator / gauge
  (Order No. 07000510)
- 1 pc: 6 ft (2M) Hose with male 5/8-18 gas connector on both end.
- 1 pc: Adapter Cable 1.5 FT, NEMA 6-50R 230V-5 to 20P 120V.
  (Order No. 07001825)
- 1 pc: 200Amp electrode holder with 13ft (4M) lead.
  (Order No. 07000463)
- 1 pc: 300 Amp ground clamp with 10ft (3 M) lead.
  (Order No. 07000462)
- 1 pc: Owner’s manual
  (Order No. WDP90100)

Optional

- V groove drive roller for 0.023 /0.030 in (0.6/0.8mm) steel
  (Order No KAM41169)
- Knurled drive roller for 0.035 /0.045 in (0.9/1.2mm) wire
  (Order No KAM41212)
- U groove drive roller for 0.035 /0.045in (0.9/1.2mm) Al wire
  (Order No KAM41312)

Control configuration

1. MIG indication light
2. STICK indication light
3. Lift-TIG indication light
4. 2T/4T selection button
5. Wire feed speed (MIG)/Amperage (STICK/TIG) adjustment knob
6. Voltage (MIG)/Arc force (STICK)/Slope down (TIG) adjustment knob
7. Induction adjustment knob (MIG)
8. Protection indication light
9. Power indication light
10. Slope down display indication light
11. Arc force display indication light
12. Voltage display indication light
13. Voltage/arc force/slope down meter
14. Wire feed speed display indication light
15. Amperage display indication light digital meter
16. Amperage/wire feed speed meter
17. Welding process selection button

Accessories

SpoolKing-24DL spool gun with 25ft cable assembly. Order No. 07NS1010.
Capacity: 200A/60% duty cycle use CO2 gas
160A/60% duty cycle use mixed gas
Wire size: 0.023-0.045inch (0.6mm-1.2mm)
Consumables: Tweco 1 series

WeldKing® PRO17 TIG torch features include soft grips, knuckle joints and "plug & play" switch.
Order No. WAT31100 (need control adapter Order No. WOX32129)
on-off switch (standard). Order No. WAT32105
on-off + remote amp wheel. Order No. WAT32106
on-off switch with lever. Order No. WAT32107
Blank kit (No Trigger). Order No. WAT32109

FC25-HD foot paddle with on-off switch and remote current control, 26 ft. (8M) cable.
Order No. 07002510. (need control adapter Order No. WOX32129).

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