

MULTISONIC™220

Classic MIG/TIG/STICK 3-in-1 Welder
with Built-in Dual Solenoid Valves



MultiSonic220™ package order no: **WMP52000**

MultiSonic220™ spool gun suite order no: **WMP02001**

WeldKing® **MultiSonic220™** is a production tool instead of a fancy toy. Weighing less than 33 pounds (15Kg), this powerful unit can generate up to **240A** output while producing excellent arc, weld up to 1/2 inch steel, stainless steel, or aluminum, and capable of handling 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 tolerate 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.

Quick specification

Input power	Amperage range	Rated output /duty cycle	Input current @ rated output	Max OCV	Wire feed speed	Dimension	Weight
AC 115V 1Phase	MIG: 40-180A STICK: 10-110A TIG : 10-150A	MIG: 140A/35%/21V STICK: 110A/30%/24.4V TIG: 150A/40%/16V	MIG: 22.4A STICK: 17.5A TIG: 18.4A	65V	59-649 IPM (1.5-16.5 M/MIN)	20x8.2x15.7 IN (51x21x40CM)	33LB (15KG)
AC 208/ 230V 1Phase	MIG: 40-240A STICK: 10-200A TIG: 10-200A	MIG: 200A/30%/24V STICK: 200A/35%/28V TIG: 200A/25%/18V	MIG: 15.9A STICK: 15A TIG: 11.8A				

Standard unit includes

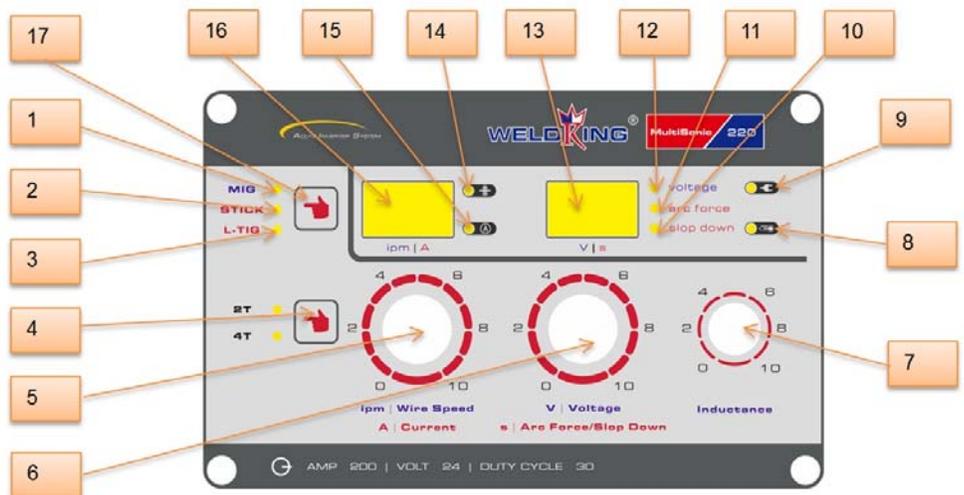
- ▽ 1pc: MultiSonic220™ power source with 10 ft. (3m) power cord and NEMA 6-50P 230V plug.
- ▽ 1pc: WeldKing® NT1-3E euro end MIG torch with Tweco style consumables 10ft(3M). (Order No. **KAM31003**)
- ▽ 2pc: 035 spare tips 11-35.
- ▽ 1pc: 0.035 /0.045 in (0.9/1.2mm) V groove drive rolls. (Order No.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