



**Pulse Puddle Arc Welding (PPAW)<sup>®</sup>**

# the equipment

Welders Do It Better With Pulse Puddle Arc Welding



## the box 5000/5020

All front panel controls, connectors, and breakers for ease of use and accessibility. Top mount handle for easy transportation around the weld shop or can be used with a wall mounting bracket.

The box with its lighted power switch and quick connect input and output sockets is very user friendly to operate. The wand can be mounted on the box or set next to the welder on the table.

### the box 5000-00 includes:

- the box and the AC power cord 6'
- the wand and the wand cable 10'
- the sensor and the sensor cable 10'
- the book of instructions

### the box kit 5020-00 includes:

same as the 5000-00 except is 220 volt

**Power:** 110 or 220 volts; 50/60 Hz; 1.1 KVA

**Size:** 11" x 11" x 8 1/2" (28 x 28 x 22) **Weight:** 26 lbs. (12)



## the wand

The unique wand contains the pulsator's all in one "speed and level" meter, along with the pulsator speed adjustment and the sensors level adjustment controls.

**Size:** 9" x 5 1/4" x 1 1/2"  
(23 x 13 x 4)

**Weight:** 1 lb. (.45)



## the sensor

The patented sensor is mounted to the workpiece and picks up the pulse strength from the part and sends it back to the box and the wand enabling the operator to zero in on the proper pulse rate for welding.

**Size:** 1 1/2" hex x 4 1/2" (4 x 11.5)

**Weight:** 1 lb. (.45)



(cm, kg)



## Pulse Puddle Arc Welding (PPAW)

# the pulsators

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### the P1 pulsator

The P1 is designed for the light work piece weight range. It has one fixed energy level.

**Working Capacity: 60-500 lbs. (27 - 225)**

**Size: 4" x 5" x 8" (10 x 13 x 20)**

**Weight: 13 lbs (6) Motor: 1/2 HP**



### the P2 pulsator

The P2 design is perfect for the many weld tables within the fab shop. Great for permanent mounting under the weld table.

**Working Capacity:**

**Setting #1 120 - 3,000 lbs. (54 - 1,350)**

**Setting #2 500 - 6,000 lbs. (225 - 2,700)**

**Setting #3 1,000 - 10,000 lbs. (450 - 4,500)**

**Size: 6" x 5 1/2" x 10 1/2" (15 x 14 x 27)**

**Weight: 25 lbs (11) Motor: 1/2 HP**



### the P3 pulsator

The P3 design is the same as the P2 except for a heavier workload. Works well attached directly to large and rigid work pieces.

**Working Capacity:**

**Setting #1 2,000 - 10,000 lbs. (900 - 4,500)**

**Setting #2 3,000 - 20,000 lbs. (1,350 - 9,000)**

**Setting #3 5,000 - 40,000 lbs. (2,250 - 18,000)**

**Size: 6 1/2" x 5 1/2" x 11" (16.5 x 14 x 28)**

**Weight: 29 lbs (13) Motor: 1/2 HP**



### the P4 & P5 pulsator (P5 not shown)

The P4 & P5 offers the ultimate in flexible adjustment for the work piece ranges. They both offer a quick change adjustment of their energy levels. The mounting plate is standard.

**P4 Working Capacity: 100- 20,000 lbs. (45 - 9,000)**

**Size: 7 1/2" x 10" x 11" (19 x 25 x 28)**

**Weight: 36 lbs. (16) Motor: 5/8 HP**

**P5 Working Capacity: 150 - 40,000 lbs (70 - 18,000)**

**Size: 7" x 10" x 12" (18 x 25 x 31)**

**Weight: 47 lbs (21) Motor: 1 HP**

(cm, kg)