



**orion™**

## Orion PJ™

*First welder designed specifically for welding permanent jewelry!*

The Orion PJ was designed and built specifically for permanent jewelry artists. You won't find any other permanent jewelry welder better fit for fine chain welding, on the go portability, and convenient cable management. The Orion PJ has the ideal energy range for permanent jewelry welding, with smart energy control, extended cable lengths, and cable management features that make working pop-up's and other remote work areas much easier.

### KEY BENEFITS

#### The Ideal Energy Range

The Orion PJ has an energy range of 1 - 15 Joules. As a PJ artist, you'll enjoy the low end of the energy range when working with very fine chain. On the high end, you'll feel prepared for any situation that may require more energy than usual.

#### Smart Energy Control

With the Orion PJ you can change the energy in the half-joule increments, a highly valuable feature when working with different types of chain. Half-joule increments allow you to fine-tune your energy to produce the perfect weld. For example, when 4 joules is too much energy, but 3 joules is not enough energy, being able to set the energy level at 3.5 joules will deliver just the right amount of energy for beautiful results.



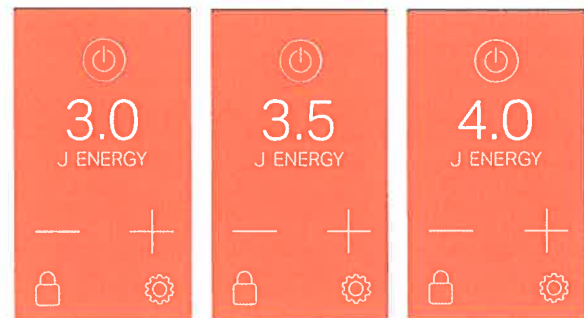
### Applications:

- Permanent Jewelry
- Jewelry Repair
- Jewelry Creation
- Wire Beading

### Metal Types:

- 14k Gold
- Gold Filled
- Gold Plated
- Silver
- Stainless Steel

*Get the perfect weld with 0.5 increment settings!*



For situations when 4 joules is too much energy, but 3 joules is not enough, the Orion PJ lets you set energy at 3.5 joules for the perfect weld!

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**sunstone**

The Micro Welder Experts

### Convenient Push Cord Connection

When packing for pop-up's and other remote events, the Orion PJ's stylus cord completely disconnects from the power source for easier packing. With the cord unattached, the Orion PJ will fit in tight boxes.

### Longer Stylus Cord

For anklets, a longer stylus cord simplifies the effort needed to reach a customer's ankle. The Orion PJ comes standard with a 3.5 feet stylus cord. Moreover, you can purchase a stylus extension that will let you extend the electrode an additional 3 feet or 6 feet from the power source.

### Longer Grounding Cord

Complimenting the longer stylus cord is a longer grounding cord. For those times when you need to stretch to reach an ankle, a longer grounding cord comes in handy!

## Product Specifications

WELD MODES	1
PEAK POWER (J)	15 J
ENERGY (J)	1-15 J
WELDS/SECOND	1
WELD SPOT DIAMETER	0.5 - 1.5 mm
DISPLAY	272 x 480 pixel Touchscreen TFT LCD
DARKENING SHUTTER VISIBILITY	Shade 3 to Shade 11
INPUT POWER	100/230 VAC (Auto Detect)
FOOTPRINT (LXWXH)	6 x 4 x 6 inches
WEIGHT	2.45 pounds (1.11 kg)
EYE PROTECTION	Auto Darkening

### Digital Touchscreen Control

The hallmark of every Orion welder is digital control of the welder's various features. The Orion PJ is no exception, sporting a 272 x 480 pixel (2.83 x 5 inches), bright touchscreen. With a quick touch of the finger you'll be able to control all welder functions.

### Safety Welder Locks

The Orion PJ comes with two safety features to prevent accidental energy discharge. The Weld On/Weld Off button is your primary safety feature; you cannot weld when the button is off. The Lock button will allow you to weld but won't allow energy changes to be made while the welder is in lock mode.

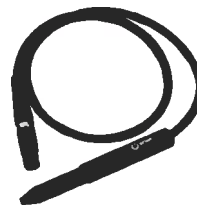
### Custom Software Background

Permanent jewelry artists can customize the Orion PJ's software to match their brand. With a quick touch of a button, you can choose from nine different background colors to suit your style. The default orange is our favorite, of course, but now you can customize the background to fit your mood!

*Personalize your welder with 9 different color options!*



*Extended stylus cord with push connection!*



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