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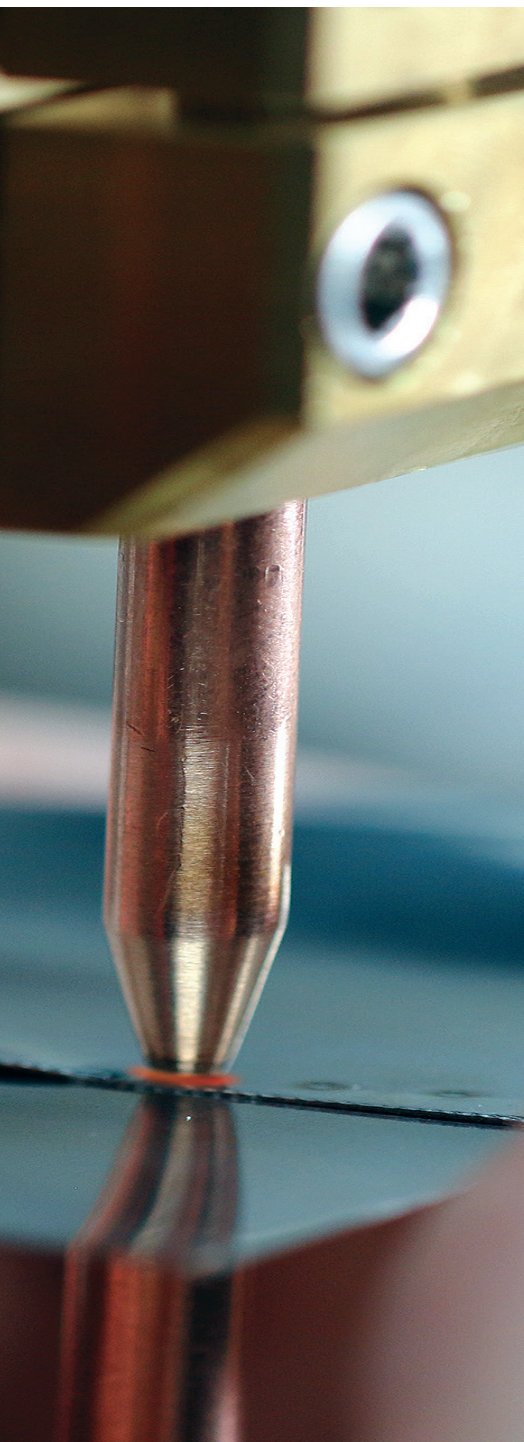
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<https://sunstone.nt-rt.ru> || [sek@nt-rt.ru](mailto:sek@nt-rt.ru)

## Электромагнитные сварочные головки Pro E



# PRO E

### Sunstone's Most Advanced Weld Head Sets New Standards for High Precision Welding

The Sunstone **Pro E** weld head, available in a parallel or opposed electrode configuration, is a high precision, low force weld head designed for applications that require precise pressure, displacement, and position control. The **Pro E** uses an advanced electromagnetic drive that provides the smoothest, most consistent welding results compared to other weld heads.

The **Pro E** offers force, displacement, and positional feedback generating consistent welding results from one weld to the next. Ideal for automated manufacturing processes, the **Pro E** ensures every weld is completed within predetermined specifications without operator intervention.



The Sunstone Pro E weldhead uses an advanced electro magnetic drive to deliver a precise weld.

# PROFE

- Incorporates Advanced Electromagnetic Drive for High Precision Welding
- Designed for Applications that Require Precise Pressure, Displacement, and Position Control
- Communicates Force, Displacement, Positional Feedback for Maximum Consistency
- Available in Parallel or Opposed Electrode Configurations
- Provides a Force Range of 1 to 25 Pounds and 25 mm Maximum Electrode Stroke
- Preferred Welding Solution for Automotive, Electronics, Battery, Aerospace, and Medical Device Industries
- Pairs Seamlessly with the Sunstone Aeon HF Welder
- Made in the USA for Maximum Durability and Reliability
- US-Based Customer Service





## Sunstone PRO E Technical Specifications

| Specifications                           | Parallel                          | Opposed                           |
|------------------------------------------|-----------------------------------|-----------------------------------|
| Table Top Foot Print (L X W X H)         | 13 x 8 x 24 inches                | 11.5 x 4.5 x 22 inches            |
| WEIGHT                                   | 36lbs.                            | 24lbs.                            |
| WELD FORCE                               | 1 - 25 lbs.                       | 1 - 25 lbs.                       |
| MAX ELECTRODE STROKE                     | 25mm                              | 25mm                              |
| ELECTRODE DIAMETER                       | 1/8 in                            | 1/8 in                            |
| ELECTRODE DIAMETER OPIONS                | 7/4 in                            | 3/16 in, 1/4 in                   |
| ELECTRODE CONFIGURATION                  | Parallel (Series)                 | Opposed                           |
| POWER INPUT                              | 48VDC@4A                          | 48VDC@2A                          |
| MAX THROAT SIZE (HXD)                    | 8 x 8 in                          | 8 x 8 in                          |
| WELD CABLE SIZE/LENGTH                   | 1 AWG/24 in                       | 1 AWG/24 in                       |
| FOOT PEDAL TYPE                          | Analog/Digital                    | Analog/Digital                    |
| DUTY CYCLE (1lbs to 20lbs holding force) | 100%                              | 100%                              |
| ELECTRODE SPEED                          | Home to Hover Point: 1-100 mm/sec | Home to Hover Point: 1-100 mm/sec |
| OPERATING TEMPERATURE                    | 0 to 65° F                        | 0 to 65° F                        |
| POSITIONAL DISPLACEMENT ACCURACY         | ±1 Micron                         | ±1 Micron                         |
| ACTUATION METHOD                         | Automatic or Direct               | Automatic or Direct               |

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