



## For Immediate Release

# Sunstone's New G-Servo Electromagnetic Linear Motion Micro Weld Head Delivers Ultra-Precise Welding Capabilities

JULY 2021 • PAYSON, UTAH — [Sunstone Engineering](#), manufacturer of fine micro welders, revealed the all-new G-Servo electromagnetic linear motion weld head providing industry-leading precision welding.

Sunstone's new G-Servo weld head, with electromagnetic linear motion, is engineered for ultra-high precision, delivering as little as 30 grams in force within 1 micron in accuracy, numbers that surpass competitive weld heads.

“With the G-Servo weld head, Sunstone has significantly raised the bar when it comes to accuracy,” says Jonathan Young, president of Sunstone Engineering. “The weld head’s electromagnetic linear motion allows the unit to place a spot weld within 1 micron of the desired location, a degree of precision hard to find anywhere else. Moreover, the G-Servo’s ability to accurately place 30 grams of force on the electrode during the weld is an industry best. I’ve never been more excited for our customers to put this weld head to use and I am incredibly proud of what the Sunstone team has accomplished in designing and producing this new micro weld head.”

The G-Servo comes with attached 5x microscopic optics and 300 lumens of built-in LED lighting. Force, position, and displacement feedback adds to the weld head’s fit for applications that require precision welding, such as microelectronics, electric motors and coils, actuators, magnetic wire, and any other situation that requires a fine weld in a specific spot for R&D or automated production.

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The G-Servo currently pairs only with Sunstone's new Pico DC closed-loop feedback, direct current resistance welder. Further development will allow the G-Servo to pair with Sunstone's existing line of CDDP-A capacitive discharge welders.

Sunstone customers enjoy white-glove customer service and, when subscribed to the Sunstone Circle, benefit from a "forever warranty," complimentary loaner welders, free shipping, and other benefits.

## About Sunstone Engineering

Sunstone Engineering LLC designs, engineers, and manufactures high-tech micro welding and engraving solutions for many different industries. The Sunstone product line includes laser, pulse arc, capacitive discharge, AC, linear DC, HF inverter, and hot bar reflow welding systems that are used in a variety of research and manufacturing fields and industries. Sunstone welders are used by Apple, NASA, MIT, GE, HP, Lockheed Martin, Boeing, and multiple government and military agencies. For more information visit [www.sunstonewelders.com](http://www.sunstonewelders.com) or call 801-658-0015.

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