



SPARK PLASMA SINTERING SERVICES

EXPERTISE

- Japanese SPS equipment manufacturer SUGA
- Collaborative R&D, Prototyping, and Pilot Production
- Factory trained personnel
- Factory designated demonstration facility

ON-SITE SUPPORTING CAPABILITIES

- Powder processing and handling
 - › Inert glovebox handling
 - › V blending, tumble milling, cryogenic milling
- Tooling Fabrication
 - › Graphite, tungsten carbide, superalloy
 - › Full tooling machine shop
 - › Wire/Sinker EDM
 - › Custom geometry, multi-part, near net tooling capable

EQUIPMENT CAPABILITIES

- NEW 10,000A/1000kN Large/Pilot Production SPS 7.40 Mk-V
- Operating Height: 11.8"
- Part size capabilities: 8" Diameter
- Max Temperature: 2400 C
- Automated chamber and vacuum systems
- 1500A/50kN Research scale SPS-515
- Operating Height: 5.9"
- Part size capabilities: 1" Diameter
- Max Temperature: 2400 C

