

AWARD-WINNING

TECHNOLOGY



2023 Winner
DoD MAINTENANCE
INNOVATION CHALLENGE

Our technology is powered only by electricity and air.
See a video of how it works at apsplasmablast.com.

Unique Advantages



SAVE
TIME



INCREASE
SAFETY



ELIMINATE
MEDIA &
SOLVENTS



LOWER
COSTS

Submit a Request

Schedule a Demo today!
Scan the QR code to
submit a request online.



CONTACT

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**ATMOSPHERIC PLASMA
SOLUTIONS**



PlasmaBlast[®]

by **ATMOSPHERIC PLASMA
SOLUTIONS**



**INNOVATION IN
SURFACE
PREPARATION**
*for military
applications*



ABOUT APS

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Atmospheric Plasma Solutions, Inc. (APS) is headquartered in the Research Triangle area of North Carolina. Our mission is to be the leading provider of innovative atmospheric plasma solutions for a broad range of emerging applications in defense and commercial markets. Our systems are used around the world by customers including the U.S. Navy, U.S. Army, pharmaceutical manufacturers, Fortune 100 firms, and more. Additionally, APS conducts atmospheric plasma research in partnership with private companies, federal agencies, and leading research universities.

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3-in-1 Capabilities

- ✓ Remove Coatings
- ✓ Clean Surfaces
- ✓ Promote Adhesion

MOBILE SYSTEM PB7000-M



U.S. Navy-approved for unlimited use on all surface ships and carriers.

- Perfect for tight spaces & remote locations
- Rugged design for forward-deployed environments
- Includes ergonomic handheld plasma pen
- Size: 12" x 14" x 22" (31 x 36 x 56 cm)
- Weight: 40 lbs (18.1 kg)
- Plasma cable length: 20 ft (6.1 meters)



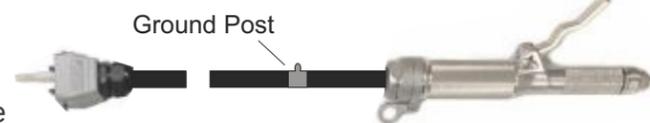
BENCHTOP SYSTEM PB7000-B



- Perfect for depots, maintenance workshops and shipyards
- Used by: Blasters, Painters, Welders, Pipefitters, Machinists, QA Inspectors, Machinery Mechanics, and more
- Includes ergonomic handheld plasma pen
- Size: 18.1" x 17.5" x 8.2" (46 x 44.5 x 20.8 cm)
- Weight: 35 lbs (15.9 kg)
- Plasma cable length: 20 ft (6.1 meters)

PLASMA PEN

Handheld Plasma Pen with 20-ft Cable



REPLACEMENT PARTS



- 480v Fuses
- Compressed Air Filters
- Nozzle Kits
- Electrode Kits

ACCESSORIES

- Pen and Cable Assembly*
- Rack Mount Conversion Kit
- Compressed Air Filter/Regulator Kit
- 480v Fuse Box & Cable Assembly
- Dust and Fume Extractor
- Training Packages
- Transportation Case



**Plasma Pen is available in Handheld or Robotics-Compatible models*

APPLICATIONS

- **SEALANT REMOVAL**
Eliminate the need for wet chemicals
- **REDUCED REPAIR TIMES**
Expedited valve flange repair; Precise non-skid removal
- **STRUCTURAL RETROFIT**
Reduced prep time
- **BATTLE DAMAGE ASSESSMENT**
Quickly classify damage to inform repair activities
- **WELD INSPECTION**
Decrease time spent from hours to minutes

Before & After plasma treatment



Quicker inspection



10-sec. coating removal