

3 in 1 Portable Surface Preparation System

PROBLEM STATEMENT

Maintenance and sustainment of DoD combat systems is an annual multi-billion-dollar expense and reduces the readiness rates of critical military combat systems. Removing combat systems for extended periods limits the readiness of all DoD services and compromises the readiness of the warfighter. Combat systems that require precision coating removal around compromised structures require a precision tool that does not impact the structure leading to failure.

BENEFITS

- ✓ Removes coatings, cleans surfaces, promotes adhesion
- ✓ Requires only compressed air and electricity to operate
- ✓ Media and chemical free
- ✓ Safer for the operator, environmentally friendly, requires minimal containment and clean-up
- ✓ Significant job cost reductions
- ✓ Fast to train, simple to operate, low maintenance requirements
- ✓ Lightweight, 5-minute set-up

PORTABLE PRECISE POWERFUL

TECHNOLOGY SOLUTION

The Atmospheric Plasma Coating Removal (APCR) technology requires no media, generates no waste streams beyond the removed coating, allows for debris capture, presents no undue occupational or environmental hazards to the operators, and can remove partial or whole coating layers across a wide variety of platforms. The complete elimination of media to remove coatings reduces the de-painting waste stream by more than 99% which provides environmental benefits, increases efficiency, and lowers costs. APCR's value is the ability to set-up quickly, with only electricity and compressed air as inputs and be quickly deployed to forward operating locations.



ATMOSPHERIC PLASMA
SOLUTIONS™