HPT Blade Tip Repair System
With Controlled Gas Purging for Clean Parts

- System uses argon purge chamber which removes oxygen from work area. Dovetail purging has proven to remove residual fuel, coatings and other contaminants from blade tip.

- Excellent laminar flow, helps reduce argon usage.

- Closed loop temperature control via infrared pyrometer.

- Complete system integration
  - Programmed time delay for chamber purging.
  - Ramp up, Hold, Ramp down temperature control.
  - Holds temperature steady during welding process. Takes unit out of temperature control for TIG arc.

- Designed for operator safety and comfort
  - Adjustable height
  - Hand/arm rest for welder
  - Single push-button control
  - Access to blade from three sides
  - Quartz lamps are used to allow welder to see blade before welding; lamps are foot pedal controlled.

- Interchangeable blade fixtures, for easy change out for various blade sizes.

- Ideal for post-weld stress relief

- CE Marked
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Average temperature delta +/- 2 degrees during operation