



# Portable Powder Coating Systems

Resodyn's patented Polymer Thermal Spray (PTS) technology was specifically designed for the deposition of polymeric coatings directly from dry powder without the need for oven baking, or curing. The "flameless" hot air process gently heats and deposits the material particles onto the substrate without any polymer degradation. The finished coating retains all desired material properties required to ensure success in your application.

The PTS-30 can deposit thermoplastic and select engineered thermosetting polymers, UV curable polymers, and syntactic foams onto virtually any surface.

- Powder coating with no oven baking, or curing
- Thin coatings (2 mils) to unlimited thickness
- Flameless powder path – no polymer degradation
- User friendly – "plug and spray" capabilities
- Full range adjustments for thermal output
- Electronic burner ignition
- Environment friendly process – no VOCs
- Fully portable, or fixed manufacturing operation
- Multi spray gun and robotic application capable
- Patented technology



## PTS-30 System Specifications

Heat Capacity Output:	15kW to 30kW
Polymer Melt Capacity:	0.5 to 3 gm/sec (standard rate)
Powder Feed Hopper:	Available up to 50 lbs capacity
Control Cart Dimensions:	24" W x 48" L x 37" H

### System Operation Requirements

Propane:	0 to 25 PSIG — 0.2 to 0.6 SCFM
Compressed Air:	90 PSI — 25 SCFM
AC Power:	115V / 60Hz / 5A