

## PROVEN SOLUTION TO REDUCE OPERATING COSTS FOR YOUR DRY SORBENT INJECTION SYSTEM BY UP TO 80%

Dry sorbent injection is widely used as a cost-effective solution to reduce a range of pollutants. While these systems have a low capital cost when compared to alternative technologies, continued operation has shown the lance-based method of injecting sorbent provides inefficient mixing and dispersion, while regular pluggage within the lance creates a high maintenance burden. Nol-Tec's new patented technology minimizes these issues, providing a simple and cost-effective retrofit solution that gives you immediate cost savings.

### How does Sorb-Tec work?

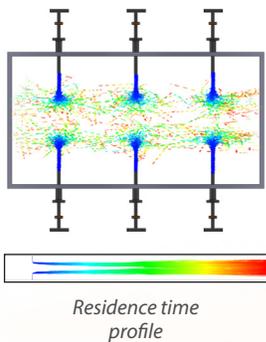
- Streamlined design for like-for-like lance replacement
- Installed external to duct – fits to existing flange and sorbent convey line
- Requires no modification to existing DSI/ACI systems
- Uses boosted air for optimized mixing, dispersion, and duct penetration
- Requires no lances, no equipment within duct,
- Significantly reduces maintenance and downtime
- Can be tuned for varying load operation



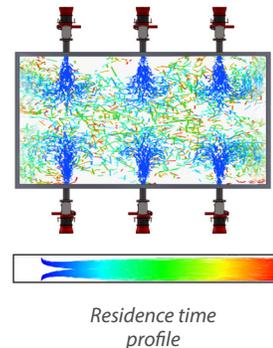
*Sorb-Tec injector installed*

Known Issues	How Sorb-Tec can help
High sorbent injection rates	Can reduce sorbent inject rates by as much as 40%, reducing sorbent costs and equipment wear
Regulation compliance	Can reduce pollutants by up to a further 25%, providing an increased buffer on compliance standards
Maintenance costs	Eliminates key source of regular maintenance — the lance
Ash sales / landfill costs	Reduced injection rates can minimize sorbent in ash, improving ash quality for sales or cutting landfill costs
Injector location	Small, lightweight design allows for optimal injector location, not limited to solely where a lance can function
Variable load operation	Can tune each injector separately, allowing for automated feed rates and blower speeds for varying load operation

Traditional lances



Sorb-Tec injectors



To learn more or schedule your on-site trial, contact [sales@nol-tec.com](mailto:sales@nol-tec.com) or call 651-780-8600