



# Powder Dispersion System

## BENEFITS

- Increased performance
- Greater efficiency
- Advanced feeding mechanism
- Advanced Powder Dispersion

## APPLICATIONS

- Pharmaceutical
- Public Safety
- Transportation & Automotive

## PATENT

- 8,020,726

## LICENSING & PARTNERING

Various licensing and partnering options are available.

Please contact the Intellectual Property Department to discuss.

## Technology Summary

Sandia researchers have developed a method and apparatus for dispersing powder material with a size range down to about a micron at a rate of 170/mg per minute. It can employ an air eductor, which can subject particles to high shear in order to break apart agglomerates. The dispersion system can be housed in a case with wheels to facilitate portability. The housing can also keep the unit and contents clean in a controlled environment while directing the particulate flow away from the ground.



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## Technology Readiness Level

Sandia estimates the technology readiness level (TRL) at 9.

Technology has been applied and utilized operationally.

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