



UltiLife™ & UltiFlow™ Modular Cold Spray Nozzles

NEW AND IMPROVED MODULAR NOZZLE SYSTEMS

CenterLine Supersonic Spray Technologies introduces the new **UltiLife** and **UltiFlow** Modular Nozzles; two unique and practical nozzle designs that provide improved performance & operating efficiencies.

The new design offers:

- A non-consumable nozzle holder and orifice for extended operating life
- Interchangeability between UltiLife and UltiFlow nozzles to reduce nozzle holder investment and provide users with the flexibility to spray a variety of materials
- Increased operating temperature range for the UltiFlow nozzles to improve deposition efficiencies & lower coating costs

The **UltiFlow** is manufactured using clog-resistant material making it ideal for applications that require spraying pure materials. By minimizing clogging, the **UltiFlow** helps to decrease downtime and improve overall powder use efficiency.

The systems are available in straight and 90° holder configuration (for ID bore spraying). The nozzle can be replaced without the use of tools.



UltiLife 90° Nozzle



UltiFlow Straight Nozzle

NOZZLE HOLDER	
Orifice Sizes	2.0 mm and 2.5 mm standard
Nozzle Style	Straight and 90°
NOZZLES	
	UltiLife™ UltiFlow™
Length	70 mm and 120 mm standard
System Adaptability	Series P, Series EP (Hand-held & Robotic)
Maximum Operating Temperature	550° C (1022 F) 500° C (932 F)
Maximum Pressure	34 bar (500 PSI)

Custom orifice sizes, nozzle lengths and configurations available upon request.

The **UltiLife** and **UltiFlow** Modular Nozzles make it possible to:

- ▶ Cold spray either pure or hard/abrasive materials.
- ▶ Improve nozzle changeover process by:
 - allowing the choice between 2.0 and 2.5 mm orifices for better control of gas flow and gun temperatures
 - extending nozzle life (less downtime)
 - fitting both the SST manual and robotic guns
 - being automation friendly



Fully interchangeable with all SST guns.

Higher deposition efficiencies!

Contact your SST technical sales representative today to discuss your metal coating requirements.

www.supersonicspray.com

