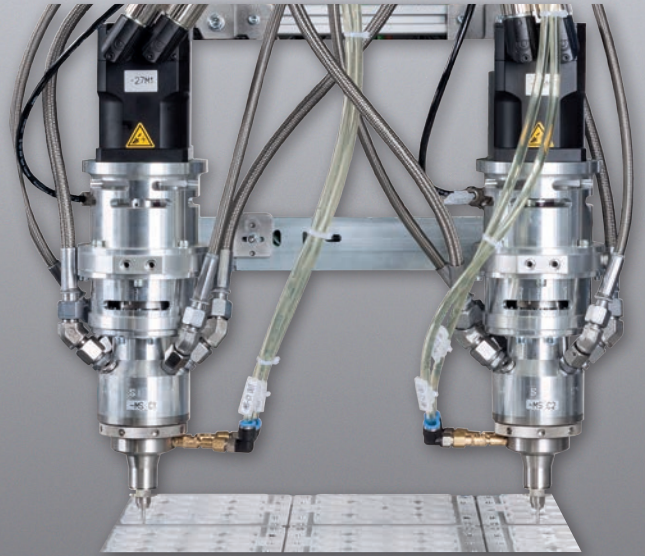


Product Information: Mixing System MS-C

Precise in every sense – dynamic sealing, casting, and bonding



Mixing system with shut-off nozzle



Dual mixing system with temperature control

MS-C with attached Plasma nozzle



Your Advantages

Low maintenance

- > Wear-resistant ceramic valve system
- > Separated valve and mixing sections
- > Servo-drive for mixer and valves

High precision

- > No material displacement during start/stop
- > Precise, synchronous switching of the ceramic valve discs

High flexibility

- > Cleaning of the mixing systems with high-pressure water rinsing or high-pressure rinse recycler system
- > Up to 4 components processable
- > 2 components with recirculation through the mixing system
- > Mixing chamber available in different sizes

Low operation cost

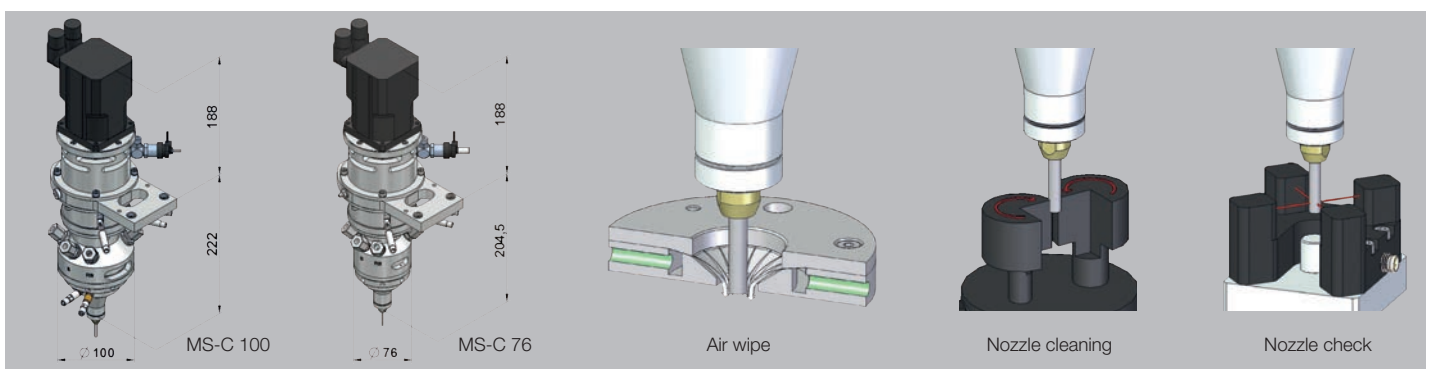
- > Quick and easy change of mixer for faster cleaning
- > Very few parts in contact with processed material

Mixing System MS-C

Product Details

The MS-C is a compact, dynamic mixing system for precise metering, mixing, and dispensing. With a revolutionary, servo-driven ceramic valve system the MS-C sets new standards in productivity and reliability. The lean and compact design guarantees a higher degree of flexibility and allows dispensing of complex parts and applications.

The simple modular design and the consequent separation of valve level and mixing chamber level make the MS-C the most maintenance-friendly mixing system available on the market. If required, the MS-C can be equipped with an automatic nozzle shut-off system which allows drip-free dispensing.



Technical Data

Flow rate MS-C 76	approx. $0.1 \text{ g s}^{-1} - 2 \text{ g s}^{-1}$
Flow rate MS-C 100	approx. $2 \text{ g s}^{-1} - 120 \text{ g s}^{-1}$
Number of components	2 – 4
Viscosities	50 - 200.000 mPa*s (higher viscosities on request)
Recirculation through mixing system	max. 2 components

Options (more upon request)

- > Different mixing chamber volumes available
- > Different nozzle sizes available
- > Temperature controlled mixing chamber
- > Nozzle shut-off system
- > Additional material components
- > High-pressure rinse valves on different levels

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