



MACHINE SOLUTIONS INC. (MSI) was founded with the mission of providing innovative and effective proprietary mechanical solutions to a variety of complex process and device design challenges. MSI has been instrumental in automating or semi-automating several manual processes within catheter manufacturing organizations. The MSI process equipment is quickly becoming the industry standard for stent crimping, catheter balloon pleating & folding, marker band swaging and catheter & stent testing.

The proprietary MSI segmental compression mechanism provides an even, repeatable, radial compression that has been proven for stent crimping, catheter balloon folding and marker band swaging applications. The MSI catheter testing product group includes equipment for measuring stent retention, radial expansion force and the Interventional Device Track Equipment designed to quantitatively analyze and test catheter and stent performance criteria.



- Single step process solutions
- Elimination of process steps
- Improved yields
- Reduced cycle times
- Increased stent retention
- Reduced product profiles

STENT CRIMPING • SWAGING • BALLOON PLEATING & FOLDING • CATHETER & STENT TESTING



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