

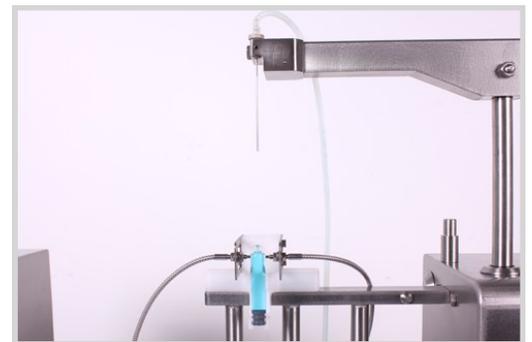


NEEDLE MOVEMENT STATION FSN

This bench top needle movement station serves as an optional station in combination with COLANAR's table top filling systems FSP and FSR or other filling machines. The needle movement station is controlled by a PLC and operated through the touch panel HMI. It features high speed and accuracy capabilities due to the servo drive system. This filling system can be used for a variety of Pharma containers, such as vials, bottles, syringes, cartridges, etc.



The filling needle or nozzle dives rapidly into the container and the filling cycle starts when the needle has reached its lowest position. The needles lift slowly during the filling cycle and maintains a constant distance between the needle tip and the liquid fill level in order to minimize splashing and foaming. This system is suitable for stand-alone applications in laboratories, as well as for the full integration into vial and syringe filling machines.



Benefits and Features

- All stainless steel and plastics exterior, suitable for pharmaceutical sterilization procedures
- Specifically designed for use with our FSP and FSR or other filling machines
- High speed and accuracy capabilities
- Integrated servo drive
- Prepared for full integration into pharmaceutical liquid filling machines
- Easy to clean, sealed exterior

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NEEDLE MOVEMENT STATION FSN

Technical Data

- Output: up to 20 cycles / min
- Range: max. 100 mm needle stroke
- Finish: Stainless steel 316L and POM
- Weight: approx. 15kg (33 lbs)
- Dimensions: 390 x 190 x 450 mm
- Power: 120V AC, 60 Hz or 230V AC, 50 Hz



COLANAR specializes in advanced liquid filling systems and automated handling systems for Pharma and Biotech applications. With facilities in both Europe and North America we service a global customer base. We are dedicated to provide new and innovative solutions to our customers in the Life Science industries, both in our product offerings as well as our consulting and engineering services. COLANAR's special focus is on single use liquid filling systems and clinical and small scale syringe and vial filling equipment.

Our product offerings include:

- Extremely precise Rotary Piston Pump Filling Systems
- Advanced stainless steel Peristaltic Pumps
- Automated standalone syringe and vial filling machines
- Fully automated robotic autoclave loading systems
- Robotic Pharma filling systems for nested vials and syringes in isolator applications
- Bench top syringe filling systems for BD SCF Hypac® syringe nests
- Single use tubing assemblies, incl. surge bags, sterile connectors, pump tubing, and filling needles



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