

Filling Machine FSM



Product applications

- Cell and gene therapy
- Biotech
- ATMPs (Advanced Therapy Medical Products)

Container types:

Syringe

Vial

Cartridge

Format range:

- Syringes: 0,5ml up to 50ml
- Vials: 2ml up to 100ml nested vials
- Cartridges: 3ml up to 20ml nested cartridges

Technical Data:

- Output: Up to 20/min



Photo: SCHOTT AG



Dosing Systems

- Peristaltic pump with active driven rollers, ideal for single-use applications
- Rotary piston pump for high filling accuracy for viscous products
- ViscoTec Pharma Dispenser for filling highly viscous or abrasive products



Available Options

- Available as table-top machine, in safety cabinets, in oRABS or in isolators
- Optionally as 1- or 2-head version
- In-process control via integrated scale
- Readjustable filling quantity
- Optional nitrogen purging
- Selectable under- or over-level filling

Benefits and Features

- Modular filling system for pre-sterilized nested vials, syringes and cartridges
- High dosing accuracy of FSR rotary piston pumps or FSP peristaltic pumps
- Bottom-up filling station for syringes and cartridges
- All movements controlled by servo drives
- PLC control for each module and touch screen HMI operation

