



## Pre-capped / Pre-sterilized Tube Filling Machine

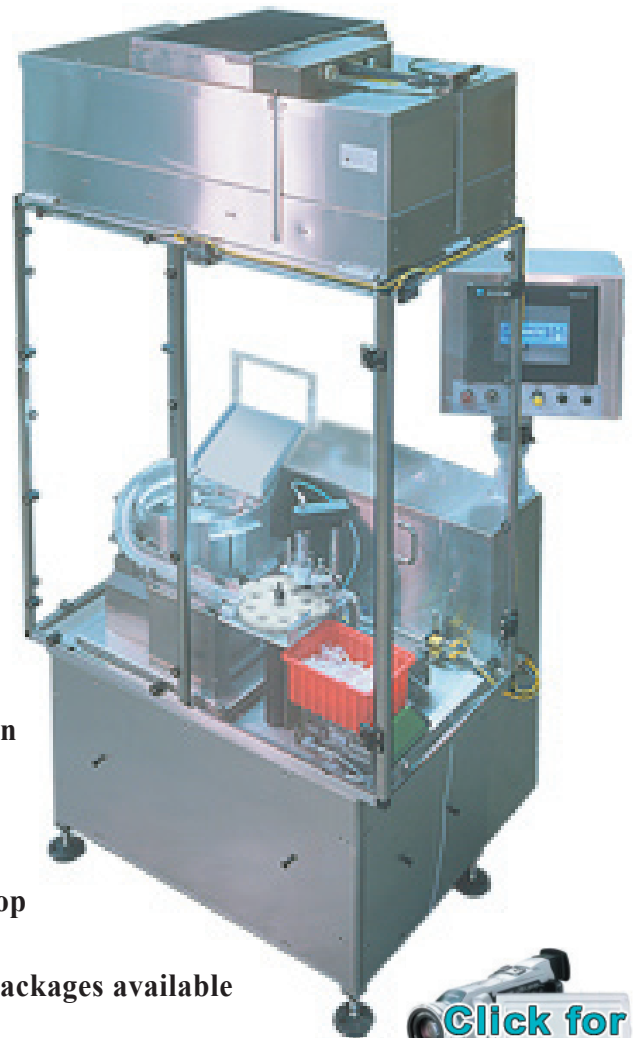
### Automated Fill/Finish Monobloc System for Pre-capped/Pre-sterilized Micro/Cryogenic Tubes



**Industry's first completely automated fill/finish  
system for such tubes**

#### Features/Specifications:

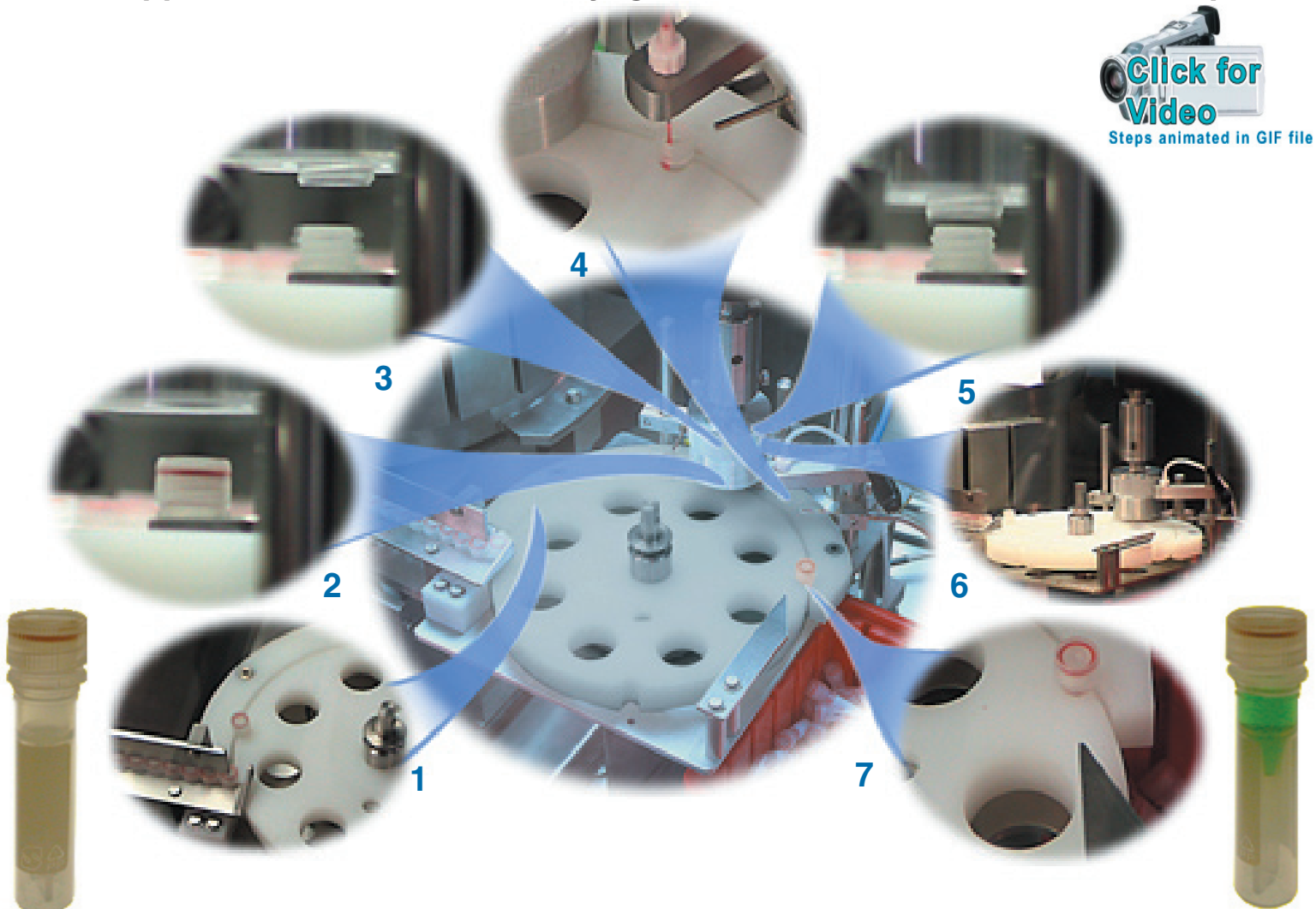
- Designed exclusively to meet the requirements of the Pharmaceutical, Biopharma, and Diagnostic industries
- Incorporates a unique GMP design that, at a single operating station, provides for the removal of the screw cap, the filling of the microtube, and the re-application of the original cap
- Multi-functional, single station configuration reduces the possibility of product contamination by eliminating multiple handling of the screw cap
- Best for small to moderate fills (less than 3ml) where sterility and excellent accuracies (to  $\pm 1/4\%$  or better) are paramount
- Servo-driven cap torque, filling, and indexing systems offer improved control and reliability
- Ensures gentle product handling through the use of servo-driven FILAMATIC® type DUS positive displacement Filling Units or peristaltic pumps
- Possesses compact overall footprint of 38" x 48"
- Includes stainless steel HEPA filtration module mounted on top of an interlocked lexan safety enclosure
- Comprehensive IQ/OQ protocol and GAMP documentation packages available



See reverse page for  
additional photos

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## Pre-capped/Pre-sterilized Micro/Cryogenic Tube Automated Fill/Finish Steps



1. Pre-capped / Pre-sterilized Tube enters turret
2. Pre-capped / Pre-sterilized Tube is indexed to capper
3. Cap is removed
4. Tube is quickly indexed to fill station, filled and indexed back to capper

5. Cap is replaced
6. Cap is tightened
7. Completed Pre-capped / Pre-sterilized Tube is discharged to bin



*Specialists In Liquid Filling Systems*

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