



Aseptic Fill & Finish

Liquid
Lyophilized
Vials
Cartridges
Prefilled Syringes

300+ Batches Delivered



Commercial Prefilled Syringe/Cartridge Filling Line

- Filling volume range: 0.2 mL – 5 mL
- Maximum lot size: 100,000 syringes
- Line speed up to 12,000 units/h
- Robotic arm in aseptic processing area (APA) to minimize risk of contamination
- Fully disposable wetted parts
- Grade A oRABS
- Standard and long formats
- Online weight-check



Fill and Finish expertise for a broad range of biologics

mABs, bsAbs, Fc-Fusions, TCRs, LNPs, RNA, ADCs, and cytokines.



Commercial Vial Filling line with lyophilization

- Peristaltic filling, fully disposable wetted parts
- Maximum system hold-up as low as 70 mL
- Eight heads for commercial line
- Filling volume range: 0.2 mL – 50 mL
- Vial size: (2R, 6R, 8R, 10R, 15R, 20R and 50R)
- Batch volume up to 500L, Batch size up to 100,000 vials
- Grade A oRABS
- Auto-washer and tunnel
- Auto-filling, closing and capping





Bioworkshops

Providing high-quality fill & finish services

Fill and Finish expertise for
a broad range of biologics

Robust GMP Compliance

FDA, EMA, NMPA

100% Success rate

Experienced team more than **15** years
of aseptic production experience

From formulation development to aseptic filling

Formulation development

- De novo formulation development
- High concentration formulations
- Stability programs:
stress, accelerated, real-time



Liquid
formulation



Lyophilization
formulation



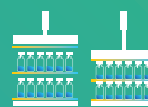
High concentration
formulations

Fill and finish

- Vials
- Lyophilizer
- Syringe/Cartridge



Vials



Lyophilizer



Syringe/Cartridge

ASEPTIC FILL AND FINISH: VIALS, LYOPHILIZATION, PREFILLED SYRINGES, AND CARTRIDGES



 www.bioworkshops.com

 energize@bioworkshops.com

