

GRIFOLS
ENGINEERING
WE
KNOW
HOW



GSF

GRIFOLS STERILE FILLING

BIOPHARMACEUTICAL PROCESS MACHINERY

Grifols Sterile Filling Systems provide a different approach to conventional aseptic filling.

GSF minimizes the potential risk of airborne particle contamination during filling ensuring the maximum quality of the product.

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BIOPHARMACEUTICAL PROCESS MACHINERY



GSF® IS A COMPLETE SYSTEM THAT INCLUDES:

- Preparation, sterilization and depyrogenation of containers, stoppers and capsules
- Sterile components handling
- Sterile filling
- Environmental control
- Process control
- Container identification
- Sterile filling performed under horizontal laminar flow
- Extremely small Class A filling room

TIME DURING WHICH THE CONTAINER IS OPEN REDUCED TO A MINIMUM

LIMITED OPERATOR INTERVENTION IN CRITICAL PROCESS ZONES

SUITABLE FOR SMALL AND MEDIUM BATCH SIZE PRODUCTIONS AND HIGH VALUE PRODUCT

MAXIMUM YIELD AND MINIMIZING REJECTION RATE

GRIFOLS

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