

Manufacturing Capabilities and Plant Dedicated Technology



PRODUCTION AREA

- Our production facility is built as general-purpose plasma manufacturing unit, to cater for a wide variety of compounds, processing characteristics and volumes requirements
- Intermediates bulk fill application
- Grade C area

CONTAINER OPENING AND THAWING CAPABILITIES

- Bottle line; ABO Automatic Bottle Opener Machine (Grifols Engineering)
- Bag-line; Semi-Automated
- Container-line (depleted plasma up to 15kg per container)



CENTRIFUGAL SEPARATION

- 6 GEA/ Westfalia Chamber Bowl Separators:
 - 2 BKA 28
 - 2 BKB 28
 - 2 BKA 45

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ION EXCHANGE CHROMATOGRAPHY

- 2 ÄKTApurify™ systems
- 3 Chromaflow™ columns to accommodate all range of sizes
- Chromaflow Packing Station
- Automation controls integrated with MCS (Unicorn)

ULTRA- AND DIAFILTRATION OPERATION

- 2 UniFlux Systems up to 20 m² capacity
- Automation controls integrated with MCS (Unicorn)



DEPTH FILTRATION

- Filtration Systems using depth filter sheets for particle and precoat filtrations:
 - 2 Seitz Membraplan Plate and Frame Filtration Systems with up to 40 m² capacity
 - 2 Begerow Beco Integra Plate and Frame Filtration Systems with up to 50 m² capacity
 - 1 Begerow Beco Integra Plate and Frame Filtration Systems with up to 32 m² capacity
 - 1 Strassburger Frame Filtration Systems with up to 78 m² capacity

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CLEANING TECHNOLOGY

- Two independent central CIP stations spreading 13 distribution lines over the plant
- CIP capabilities for mobile and stationary production

FILTER AID AND ETHANOL STORAGE

- Automated Filter Aid Dosing System
- Ethanol storage capacity up to 90.000L Fresh and Waste



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