



AWS BIO-PHARMA TECHNOLOGIES

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COMPLETE ASEPTIC FILL-FINISH LINE

At AWS, our goal is to provide the highest quality, most cost-effective and fully integrated solutions for the bio-tech, parenteral, pharmaceutical, and compounding manufacturing industries.

ASEPTIC FILL-FINISH SYSTEMS

COMPLETE CUSTOMIZED LINES

At AWS, we specialize in providing Complete Aseptic Fill-Finish Lines for pharmaceutical manufacturing. Our equipment originates from some of the highest quality suppliers in the world. **Our Aseptic Fill-Finish Equipment Includes:** *Fillers, Cappers, Washers, Containment Control Systems, Depyrogenation Systems, Decontamination Systems, Full-scale Compact Lines and Robotic Systems. Suitable applications include Vials, Cartridges, Syringes (Syringe-tips, Pre-filled, Nested), Ampoules and IV Bags. Finally, we offer systems for both powder and liquid filling.*



WASHER-TUNNEL-FILLER-CAPPER



ISOLATOR, RABS



EXTERIOR WASHER

PHARMACEUTICAL FACILITIES

Our Pharmaceutical Facilities include: *Modular Cleanrooms, Water Purification Systems, Decontamination Systems, Turn-key Manufacturing and 503B Compounding Facilities. Our CLEAN³ Modular Systems feature clean rooms for aseptic processing with durable walls, flexible floor space,*



CLEAN³ MODULAR SYSTEMS



VAPOR COMPRESSION DISTILLER



MULTIPLE EFFECT DISTILLER

flush connections and dual ceiling systems suitable for any application. Our Water Purification Systems include Pre-Treatment and Reverse Osmosis Systems, Distillers, Generators and Tankage. In addition, our Decontamination Systems offer both Biowaste and Washing Equipment. Lastly, our Turn-key Manufacturing Plants are available for IV Bags, Dialysis Products, Biotechnology Products and more.

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COMPOUNDING-FORMULATION SYSTEMS

Our Compounding and Formulation Systems feature: CIP-SIP Systems, Mixing Systems, Tankage and Robotic Systems. Our CIP-SIP Systems include both mobile and static models for high quality cleaning. Further, our Mixing Systems include Tri-blenders, Pressure Tanks and Vessels. Our Robotic Systems are applicable for both Aseptic and Formulation Processing. Lastly, our 503B Compounding Equipment and Facilities provide validatable methods and space to make preparations and finished products.



503B COMPOUNDING-FORMULATION

ASEPTIC SUPPORT PROCESSING SYSTEMS

Our Aseptic Support Processing Systems feature: Inspection Systems, IV Bag-SBM-FFS Processing Systems, Packaging Systems, Preparation and Containment Systems. Additionally, our Containment Systems include RABS, Isolators, Laminar Flow Units and LFU Transfer Carts.



IV BAG FILLER



AUTOMATIC INSPECTION SYSTEM

CGMP REGULAR STEAM AUTOCLAVE



CGMP GLASSWARE WASHER



CGLP PARTS CLEANING

We also offer Inspection Systems and Leak-Testing for vials, cartridges, syringes, ampoules, BFS strips, plastic containers and IV bags. Our IV Bag, SBM and FFS Processing Systems include automatic, semi-automatic and manual systems. Finally, our Preparation Systems include Autoclaves, Parts and Glassware Cleaning, Hot Air Ovens and Stopper Processing Equipment. **For more information on any of our products or services please contact us directly at 877.297.7763.**



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