TRI-BLENDER EQUIPMENT

BRAM-COR

PHARMACEUTICAL TECHNOLOGIES

BRAM-COR

Frequently solid-liquid mixtures for IV solutions are be prepared through a sanitary triblender for a proper dosage of solid intake and liquid flow. The triblender basically consists of a casing and centrifugal-pump impeller with sanitary design, sanitary single mechanical seal, standard hopper clamp connections. The suction side has a double-wall tube that keeps the inlet of solids separate from the liquids, thus avoiding the formation of flocks before the material enters the casing.

The fluids enter the mixing chamber at a high velocity, creating a vacuum on the center of the impeller, which causes suction of the solids. The fall of the solids can be regulated with a valve situated on the bottom of the hopper. The system is suitable for quick and homogeneous mixing of a variety of solids, without air contact performing complete mixing with recirculation of the material.

THE TRI-BLENDER EQUIPMENT INCLUDES THE FOLLOWING MATERIALS

- ***Parts in contact with the media: AISI-316L***
- ***Gaskets: EPDM according to FDA***
- ***Mechanical seal (standard): C/St.St/EPDM***
- ***Inside finishing: mirror polished, Ra<0.5μm***
- ***Outside finishing: mirror polished***

All Bram-Cor systems are designed and manufactured and in accordance with cGMP regulations, completely validatable, and are suitablefor use in FDA and EMA regulated facilities. Visit us at: www.bramcor.com

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TRI-BLENDER EQUIPMENT

A full understanding of the drug production process is the key concept for correct design. Bram-cor engineering focuses on fluid drugs sterile production processes, such as parenteral solutions, oral solutions and ophthalmic solutions. The definition, assessment and monitoring of critical parameters directly affecting product quality are the baseline for the application of suitable Process Analytical Technologies for in-line and at-line quality control.

Every process follows rigorous cGMP-compliant Standard Operative Procedures. Specification, construction, and verification steps within the lifecycle are carried out according to GAMP "V-model", considering risk assessment, architecture of system components, functional specification, sanitization and validation issues with special overview to a sustainable maintenance of the system.

WORLD WIDE SERVICES

We are currently delivering our systems, and building complete water treatment systems and preparation lines all over the world. Top quality GMP equipment must necessarily be integrated through a proper high level of professional services including: ***Technical Documentation, Factory Acceptance Test, Installation, Commissioning, Site Acceptance Test & Start-up, Training, Validation and After Sales Service.***

Our worldwide network of skilled agents and our affiliated companies ensure assistance to our Clients in over 50 countries, from the very beginning of a pharmaceutical project throughout decades after start-up. Our After Sales Department grants punctual and quick deliveries of spares and ongoing technical support.

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