

NEW TECHNOLOGY

无菌车间创新技术

Plants and equipments for production of Sterile Pharmaceuticals (ex Cephalosporin) also complete and turnkey
医药品 (如头孢类产品) 无菌车间的一体化设备

TILTING filter dryer PFE1500 installed in plant



For the sterile crystal production, the product manipulation from part of the operators must be eliminated realizing in necessary processes in **a only one apparatus.**

This must be able to satisfy in total safety all the production requirements and to guarantee the maximum turned out in terms of produced purity.

The prefixed target has been from we caught up with apparatus PFE who we introduce here.

All the machine is constructed following the instructions of sanitary norms FDA.

The phases of work that the apparatus can execute is all those inherent ones to the production of injectable sterile specialties eliminating the passages: **filter, centrifuge, dryer.**

The operation under vacuum and in pressure, the heating on 100% of the surface of the body, the filter septum in sintered grid, the special mechanical seal and the passage of shaft protect from bellows in Teflon, has allowed the operating ones to carry out with the P.F.E. it is made of process necessary for the sterile crystal production without to find pollution in the finished product.

PFE 1500 倾斜式过滤干燥器

无菌产品的过滤，其离心和干燥过程要尽可能采用一体化设备，以避免因采用不同设备而产生的各种潜在污染风险，使产品质量符合欧盟和美国的严格标准。

PFE1500采用独特的创新技术将无菌车间的过滤、离心、干燥过程合而为一，其设计符合欧洲EDMF和美国FDA的要求。

PFE1500可以在正压和负压下工作，在干燥过程中，内壁受热面积可达100%。

过滤中使用的熔格过滤膜和特别设计的机械密封，配合特氟龙风箱，使PFE1500有效杜绝任何可能的轴渗漏，防止产品污染，保证产品质量。