



CLOSED LOOP SPRAY DRYER



- The complete range of SPRAY TECH spray dryers are also available for operating in closed cycle. This ensures safety, protects the environment and enables solvent recovery.
- A wide range of products suspended or dissolved in organic solvents cannot be spray dried in a standard dryer with atmospheric air, due to the risk of an explosion or fire. These products must be spray dried in a plant set-up, where an inert gas, e.g., nitrogen, is used for eliminating fire and explosion risk.
For environmental protection, spray drying of products that are dissolved in organic solvents is done in a closed-cycle spray drying system where the organic solvent is recovered in a condenser unit. The same type of plant set up can also be used where oxidative degradation of the product must be avoided
- Spray dryers in closed-cycle design are available for all capacity requirements and can also be applied for products that are suspended or dissolved in water (water based feeds).