

Mixing Tank

Mixing tank is used to mix one or several materials together according to the technological proportions. Which is widely used in pharmaceutical ,food, daily & beverages, chemicals etc industries.the design and production can fit pharmaceutical & food industrial GMP & FDA requirement.



- Technology data specification -

Components Item	Function and usage
CIP spray ball	Wash & clean tank inside surface and devices automatic, which should connect to the CIP machine station.
Vent filter	Filter air to prevent the bacteria into the tank, also can release the tank inside pressure.
Temperature sensor (gauge)	Display inside tank temperature and PID temperature control with the necessary valve and fittings.
Pressure sensor (gauge)	Display the inside tank pressure.
PH sensor	Display the product PH data.
PO2 sensor	Display the product Oxygen content.
Level sensor (gauge)	Display the inside tank product level height, there are have different models: (static) pressure type, ultrasonic type, radar type, glass tube type, plate sight glass type.
Load cell	Display the product weight.
VFD (inverter)	Control and adjust agitator speed.
Safety valve	Release inside tank pressure to protect the tank safety.
Flow meter	Display the solution inlet and outlet volume.
Sight light	Make inside tank bright for watching easily.
Manhole (handhole)	Charge solid product into tank, also can be used for maintenance inside tank components.
Sampling valve	Take inside tank products sample for offline checking.

*Above specification just for reference, we can do according to client's URS *