



## Slurry mixing and distribution systems



### Benefits

- Compatible with various slurries type
- Constant flow and pressure delivery
- Single or multiple mixing and buffer tank
- Connected to any container up to IBC 1000 SLM
- Permanent recirculation loop
- Customized tooling for container connection
- Qualified and used by key End User

### Secured

- Compliant with all majors Standard CE,
- SEMI S2 EPO switch
- Visual and audio alarm interlocked with EPO
- Operator protected by chemical resistant gloves
- Plenum liquid sensor and doors interlocked

### Chemical management

- Transfer pump : Asti type 1"
- Distribution pump : Levitronix type 1 "
- Chemical recirculation and filtration system
- Automatic rinse and purge
- N2 humidifier for drum and IBC
- Filter clogging monitoring
- Drum empty sensor



### PLC controlled

- Siemens controller with touch screen
- Recipe automatic sequence
- Automatic tank switching
- Data logging
- Flow and pressure adjustment
- 4 Level sensors



## Highlights

- Modular design
- Optimized foot print
- Easy access from grey area
- Easy installation, hook up and start up
- Dedicated tooling for container
- 3D connecting material , qualified by End User
- Connectable to various containers types



## Slurry mixing and distribution systems applications and options

### Options

- spray gun DIW
- In line metrology Ph, resistivity concentration
- Redundant pumps and filters for maintenance
- Redundant mixing and distribution tanks
- Drum cabinet
- Premix tank
- Data logging
- Mechanical agitator
- 3D Customized tooling for container connection :

### Applications

- Semi-conductor
- Sensor
- Bio
- MEMS
- Solar
- Avionic
- Watch making
- Thin films

