



## Manufacturers of Plastic and Stainless Steel Products

# Slurry Chemical Dispense Unit



The Slurry Chemical Dispense Unit is a low cost solution to dispensing slurry directly to the Fab. The SCDU is fully automated transfer from drum to day tank and transfer from day tank to the Fab. It has on board PLC / HMI for ease of control, with user interface set points. The SCDU set points can be easily modified through the HMI for the customers specific needs. The onboard Diaphragm Pump transfers from the Drum to the Day Tank with auto switch over for multiple Drums. It will send an alarm to notify the Tech that a drum is empty and needs to be switched out.

The onboard Levitronix Centrifugal Pump delivers slurry from the Day Tank to the Fab. It monitors the Day Tank levels through sensors that allows the transfer Pump to keep the Day Tank full at all times. The delivery is protected with in Overflow Sensor and Low Level Sensor to insure that chemical does not overflow the Day Tank or send air to the Fab.



### Features:

- Polypropylene and Stainless Steel cabinets all welded construction for maximum leak integrity
- Stainless Steel tubing is orbital welded for maximum purity
- HMI for ease of user interface
- Remote Shutdown
- Conforms to Semi Specs

### Options:

- FM4910 Construction
- DI H2O Spray Gun for wash down
- External Filter Station
- Local Alarm Status

Products available but, not limited to.  
All design work is done on the latest CAD software.

All designs are done with 3D Cad software and submitted for customer approval. APS strives on providing a product that fits your needs.



APS is women owned and certified.