

Screen Cleaning System

For optimum cleaning of Photovoltaic Printing Screens

Photovoltaic screen printing of Silver conductive inks can present a number of challenges in keeping screens in system provides a clear and effective solution for these challenges.

Technic's Screen Cleaning System offers a fully contained process area with easy hookups, full controls and efficient operation.

Process Cycle Sequence

1. Ultrasonic Cleaning
2. Chemical Spray Cleaning
3. Dry

Construction and Features

- PP enclosure with PVC & Stainless Steel plumbing
- Chemical resistant sensors for hoist & tank level monitoring
- PLC controls
- PC for Monitoring, HMI and Recipe Control
- Frequency inverter for setting of hoist speed
- High speed blower c/w frequency inverter speed (0 ~ 300Hz).
- Special actuators for controlled flow of chemicals (Replaces conventional solenoid valves).
- Real-time filter monitoring for fast, efficient changeovers

Stand alone Operation

- Audio/Visual process completion indicator
- Access safety switches, tray leak sensor & emergency switches
- Fully contained pumps & blowers
- Casters/levelers for easy positioning and relocation

Utility Requirements

Electric Power3 Ph, 40 Amp, 30kVA, 50Hz
 415 VAC, 3 Ph, 50/60Hz

DI Water4 GPM, 1" CPVC Pipe Inlet

CDA.....7 Bar, 1" CPVC Pipe Inlet

Exhaust.....6" PVC Pipe Inlet

Dimensions

Height2320 mm (7' 6")

Width1340 mm (4' 4")

