CAN YOU SEE THE DIFFERENCE?

The first Intelligent drop-in replacement controller for SEMITOOL® Spin Rinse Dryer Processing Equipment

Benefits

- Save Capex by extending the life of your existing Semitool® SRD’s.
- Reduce Downtime in your fab.
  - Firmware updates do not require disassembling equipment.
  - Real-time alerts notify operators when SRD is malfunctioning and where the problem is.
- Reduce Operating Costs.
  - Easy to use interface requires limited training.
  - Pre-set programs for common functions.
  - Customizable programs for unique requirements.
  - Remote access for offsite technicians.

Contact Us:

www.rinseware.com - sales@rinseware.com
support@rinseware.com - twitter.com/RINSEWARE

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**DROP-IN INSTALLATION:** SlickDevice 1001 is very easy to install, simply disconnect the old controller interface cables, connect the new controller with no modifications inside the SRD and start to see the difference.

**REMOTE ACCESS:** Operating costs are further reduced as offsite technicians can access the SlickDevice unit remotely. Downtime can also be reduced as even firmware updates can be made remotely and don’t require disassembling equipment. Our support team can check your SRD’s functionality and get diagnostics without going in the fab.

**TOUCH SCREEN:** Featuring a 4.3” easy to use, easy to touch even with any kind of glove. Recipes can be edited by Process Engineer using a simple spreadsheet-like interface. Detailed mimics show functions, sensor are easily monitored, valves and actuators can be operated by Maintenance Personnel to perform test that reduces downtime. Operator only needs to choose the right recipe and press the start button. All of the required variables are monitored by the controller.

**REAL TIME ERROR LOGGING:** In addition, errors are logged on a micro-SD card for easy retrieval. Detailed log by time and date are stored in a CSV file format. Downtime is further reduced as the SlickDevice 1001 alerts technicians when the SRD unit is malfunctioning. This could help save hours of downtime and damage to silicon inventory.
Improves Efficiency

Built-in procedures for the cleaning process reduces down-time by using pre-programmed recipes and the necessary steps required with full graphic indications.

Reduces Downtime

Technicians can detect malfunctions and errors on real time. Motor can be calibrated using the screen instead of disassembling the SRD.

Intelligent Technology

The precise time, the correct RPM stability and the total control of all process variables, sensors, valves and actuators are the foundation to achieve good results from the Spin Rinse Dry process.

Rinse/Rinse Cycle

The cycle only starts if all parameters are ok. Rinse Cycle automatically start when the resistivity has not reach the set parameter and it will continue to run (up to 1 Hour) until the resistivity is within spec.

Purge Cycle

Controller monitors the pressure signal in order to ensure the correct purge of rinse manifold. Advanced RPM Algorithm maintains the correct speed all the time.

Dry1 Cycle

Intelligent controller monitors N2 and Bowl Heater for failures. Mimic display valves and actuators; as well as, the running step. Next button is available if required in the process.

Dry2 Cycle

Temperature control algorithm calculates the correct heaters operation, differentiating between normal operation and heater failure. Every cycle duration is recorded on the Real-Time Log.

Intelligent Technology inside SlickDevice will save you time and money!

Easy Programming

Programming the SlickDevice 1001 is an easy task. Touchscreen interface is intuitive with similar features you found in tablets and smartphones.

Operator Friendly

The operator simply selects the program he wants to run and presses start. All of the required variables are monitored, you can see a summary page at the end of the program to ensure that everything ran successfully.
### Differences between a Semitool® PSC-101, and the SlickDevice1001BL Controller

<table>
<thead>
<tr>
<th>Controller Type</th>
<th>PSC-101</th>
<th>SlickDevice 1001BL</th>
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</thead>
<tbody>
<tr>
<td>Can you buy them new?</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Direct replacement for PSC-101?</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Can upgrade firmware locally or remotely using USB ports?</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Multiple Process and Autocycle recipes?</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Service/Diagnostic Mode using touchscreen?</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>All Manual Mode control for the entire machine using intuitive icons and mimics?</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Software Motor Calibration?</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Detects if Bowl Heater, N2 Heater and Antistatic are not working?</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Visual Alarm Indicator</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Built-in Log, History Log</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Autocycle per hours, per runs, per days?</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Built-in Initial Cleaning, Bowl Oxidation and Particle Problem Cleaning Procedure?</td>
<td>❌</td>
<td>✔</td>
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