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Lean and Clean: Clean Room Automation for PSA Placement

When your Pressure Sensitive Adhesives require Clean Room Environment

(Plantation, FL) Whether you manufacture electronics, semiconductors, or life science products, contamination of your product during manufacturing is a concern. Placing components in the form of labels, filters, vents, or other types of pressure sensitive adhesive components can be critical as both machine movement and adhesive can cause contamination. Most of the common peel & place technologies on the market are not suitable for any clean room environments. AccuPlace has a solution.

Just recently AccuPlace added two new models with clean room capabilities to reduce the chances of contaminating the target part with particulates. The clean room configuration provides air valve exhaust ports that are connected together for porting to an outside vacuum system. The pneumatic cylinders have vacuum collars around the shafts and the bearings are constructed from stainless steel. On the new models RM1515 and RM2065, all aluminum parts are additionally nickel plated.

"All of our clean room solutions are a guarantee for increasing your throughput, placement accuracy and reducing scrap rate inside the clean room", says Rich Orstad, Market Segment Manager Computer & Peripherals at AccuPlace. "Handling parts with tweezers and vacuum pens is not that reliable as the human factor is not predictable. A standardized platform is predictable, more accurate and more reliable than human placement, and more cost efficient than customized solutions. Various big players in the hard drive industry and in the manufacture of computer peripherals rely on us for these solutions."

Following models are working in CR 1000 and CR 10:

	Class 1000	Class 10
For Component Size up to 1.5" x 1.5"	1515 RM1515	1515 RM1515
For Component Size up to 2.0" x 6.5"	RM2065	RM2065
For Component Size up to 3.0" x 6.5"	3065 RM3065	3065
For Component Size up to 4.0" x 6.5"	4065	

To learn more about the capability of our machines, click [here](#) or contact sales@accuplace.com.

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