

PRESS RELEASE

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AccuPlace introduces 2 new Robot Mode Models for Adhesive Component Placement

AccuPlace robot mode models are adhesive component feeding systems that utilize a robot to perform the placement. A robot mode is used where tolerances mandate the use of cameras for assembly; where high speed automation necessitates the use of cam-operated pick- and place devices; where multiple placement locations and/or orientations are involved; or where problematic placement locations require complex actuation mechanisms.

In addition to the existing model RM3065, AccuPlace now offers two new models with the following adhesive component size capacities:

RM1515 for components up to 1.5" x 1.5"
RM2065 for components up to 2.0" x 6.5"

The new models are based on the same proven technology as the existing product range, but offer new component size capabilities and smaller overall equipment dimension. Being integrated into workstations or automatic assembly cells, having small footprint is an important factor.



All aluminum parts are nickel plated and the machine is equipped with a clean room option to reduce the chances of contaminating the target part with particulates from the placement machine. The clean room configuration provides the 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.

The accuracy of Adhesive Component Placement- and Feeding Systems is often crucial. Frequently the adhesive component serves more than one function - e.g. not only fastening by adhesion but also dampening, shielding, or electrically connecting. As a result of this multi functionality as well as the ever decreasing package size, accurate component placement is absolutely critical. All AccuPlace Applicators and robot mode models meet stringent accuracy and repeatability requirements of 0.002" or better, rarely found in other equipment.

AccuPlace was founded in 1997 with the mission to develop standard solutions to challenging manufacturing applications involving film adhesives. Applications include all die-cuts from labels over filters, seals, and double-sided adhesives. With more than 2,000 systems installed worldwide, AccuPlace is well established within the computer & peripherals, mobile communications, medical, and automotive industries.

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