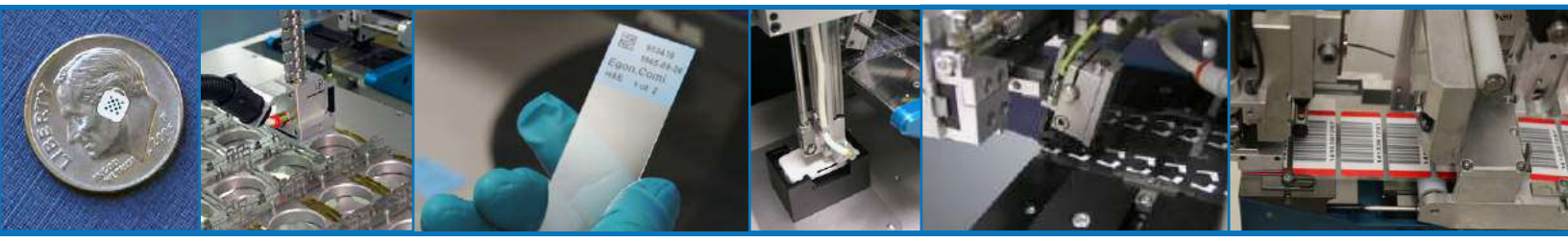
PRODUCT CATALOG

of the Most Accurate Adhesive & Labeling Equipment & Applicators

PINPOINT ACCURACY



ACCUplace

The recognized leader in adhesive component placement technology

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Why AccuPlace?

AccuPlace has been designing and perfecting adhesive component placement technology with a print & apply options for over two decades. What product is best for you is based on your application and needs. Use this catalog as a guide, but if you need help in knowing what product is right, please call AccuPlace at (954) 791-1500. Your success is our success.

Each Accuplace product is engineered with the focus of producing the most reliable machine possible. Speed, footprint, and ease of use are tenets of the technology that AccuPlace engineers and designers have instilled in their work, Each machine comes with an array of options and if you still cannot find the optimal machine for your project, contact AccuPlace to discuss custom engineering solutions.

Configurations

Most of AccuPlace's products can be easily integrated into an automation line or cell or configured in one of three semi-automatic ways. For more information on how the AccuPlace machine you are interested in can be configured, read page 10 or log onto accuplace.com or call (954) 791-1500 to speak to one of our engineers.

Operation Cycle for Most Machines

All AccuPlace models have a unique patented peeling technology in common that ensures high placement accuracy and repeatability, even for parts that are difficult to peel. Our extensive experience in the design and manufacturing of vacuum chucks guarantees optimal functionality of any application.

1. As the liner is pulled by a stepper motor through its path in the machine, the position sensor looks for a component on the liner. This ensures positioning of the component exactly underneath the vacuum chuck.

2. The placement actuator with its customized vacuum chuck extends to grip the component.

3. The drive assembly retracts, pulling the liner around the peel edge and removing the liner from the retained component.

4. The placement actuator places the component into the fixtured target part. When the actuator returns into its original position, the peel edge is extended again and the cycle starts from the beginning.

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Print & Apply

AEvo's printing option lets you print and apply a wide variety of labels with a placement accuracy of +/- .002" / 0.05mm. AccuPlace standardized applicator machine design means you'll get greater return on your investment.

Unlike costly customized label machines, you'll be able to take on more jobs with a single machine. AEvo's printing option lets you print and apply a wide variety of labels with a placement accuracy of +/- .002"/0.05mm. A 300 or 600 dpi print engine option is seamlessly integrated with AccuPlace's patented peeling technology letting you assemble even the smallest and most intricate labels with accuracy and precision.

Tool-less routine maintenance and chuck change. Easy sensor setup and material threading. One-click rewind and supply reel changes are just a few of the time and money-saving features that help you get a greater return on your investment.

ÆVO

Features

- AccuPlace's proven Pick'n'Peel™ process for ultimate accuracy and process reliability
- Minimal mechanical adjustments ensure easy setup and component changeover
- Rollerless drive technology means higher accuracy, lower maintenance, and longer life
- No tools required for routine maintenance
- Advanced clean room options for ultra-clean environments
- Simple material threading ensures quick roll replacements
- High precision construction for lasting quality.

Print & Apply

- Zero-queue on demand printing for serialized printing
- 300 dpi or 600 dpi available
- Very compact printer design, integrated in applicator
- High print quality on even on smallest labels
- Economic material consumption
- Barcode scanner for print verification can be integrated

Specifications

Printing Registration Accuracy	± 0.002"/0.05 mm*
Size:	
Depth	571 mm (22.48")
Height	809mm (31.86) (incl. stack indicator)
Width	180mm (7.09")
Weight	65 lbs/29.5 kg (including printer)
Input Voltage	100-240 VZC 50-60Hz 1ø
Current	4A@220V or 8A@115V
Capacity(Label or Component size)	Max 50mm x 50mm x 5 mm thick / 2"x2"x.02" LxWxH
Label Roll Capacity	ø430mm (17") x 60mm (2.36")
Label Roll Core Size	ø76mm (3") or ø152.4mm (6")
Air Pressure Requirement	75 psi/5 bar
Printing Thermal Media Capacity	ø.69.85mm (2.75")x60mm (2.36") max. 20mm (0.78") min., core ø 25.4 (1")
Assembly Pressure	35 lbs/153 N max (adjustable)
Speed	1.5 sec. typical peel & place 2-5 sec. Typical print, peel & place
Clean Room Printing	Possible, requires the correct choice or label stock, ribbon, and core
Ribbon	Wound out thermal transfer ribbon
Print Resolution	300 dpi & 600 dpi
Life Time Print Head	$1.0x10^8$ pixel cycles. (For a 300 dpi print head, the lifetime is 333.3" of print length

*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

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Label Applicators

AccuPlace Film Adhesive and Label Applicators assemble high precision adhesive components easily and accurately, including low level adhesion and optically clear components, foam components, bubble-free protective film, multiple subcomponent shapes and contours, and much more. From clean room environments to fully automated production, the AccuPlace line of label applicators is ideal for large labels and complex film adhesives to meet your diverse assembly requirements.

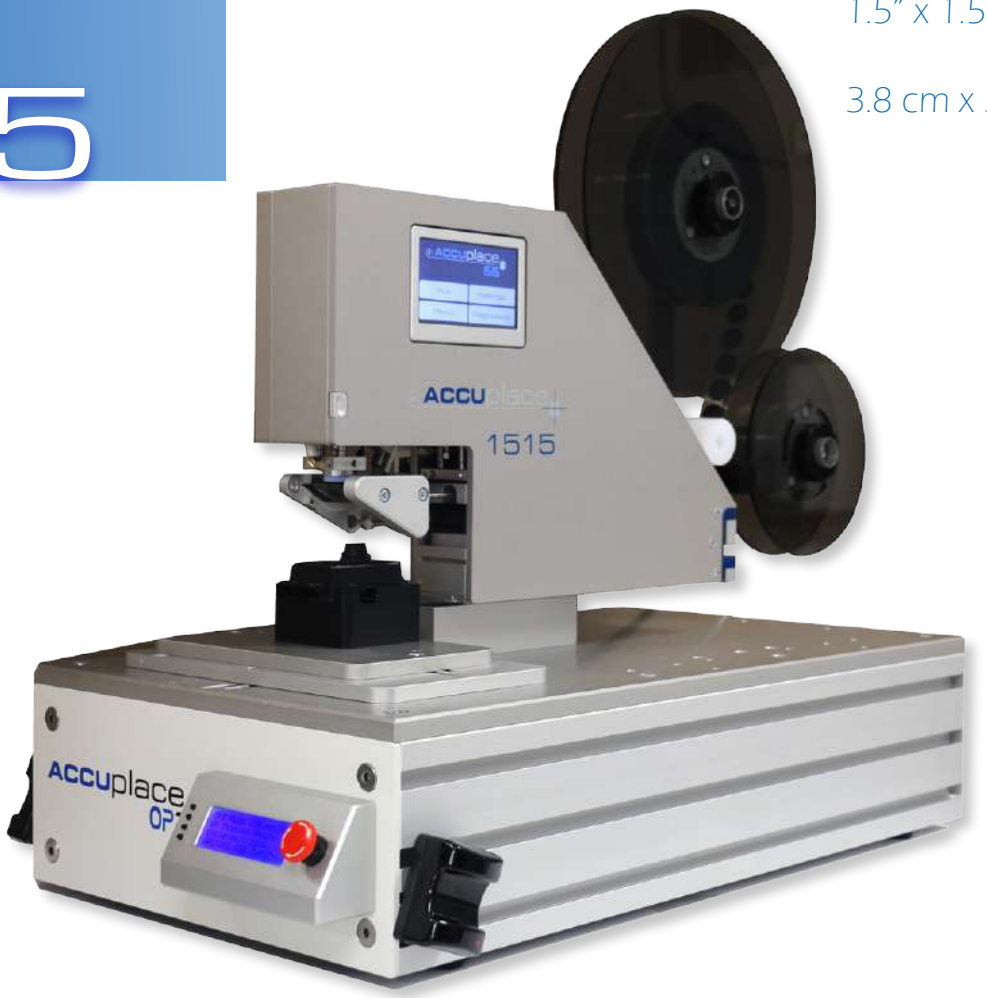
Various options allow optimum adaption to application specific requirements including a Clean Room option to reduce the chance of contamination. A two-position rotary table, two-hand no-tie-down station or protected drawer platform provide for semi-automated operation while the units simplified control interface allows for a line or cell integration with ease. Each machine is built with AccuPlace's proven Pick'n'Peel™ process for ultimate accuracy and process reliability. With minimal mechanical adjustments and simple material threading, roll replacements are quick and easy.

1515

Capacity

1.5" x 1.5"

3.8 cm x 3.8 cm



Options

Rewind Reel
Take up waste liner

Flangeless Mounting
Additional clearance under the machine

Clean Room
Reduce contamination

Tape Out Sensor
Indicates empty supply reel

Universal AC Power Supply

Mounting Foot
Horizontal mounting of machine

Nickel Plated Peel Plate Kit
More reliable sensing components on a clear liner


Rewind Reel


Nickel Plated Peel Plate Kit

Specifications

Accuracy (repeatability)	± 0.002"/0.05 mm*
Cycle Time	0.7 - 2 sec. typical*
Capacity	
Max Liner Width	1.5"/38 mm max.
Max Component Length	1.5"/38 mm max.
Max Component Thickness	0.2"/5 mm max.
Reel Size	ø 3.0"/76 mm I.O., ø 12"/300 mm O.D.
Air Pressure Requirement	75 psi/5 bar
Air Consumption	1.0 cfm/28 liter/min
Assembly Pressure	8 lbs/35 N max (adjustable)
Environmental	Temperature: 50 - 100° F / 10-38° C Humidity: <90% non condensing
Electrical Interface	2 outputs: ready & clear, 1 input: cycle
Optional Interface	RS-232 Serial Control
External I/O	4 in, 4 out
Stroke	5"/127 mm standard
Power	24 VDC, 1.6 amps (fused)
Mounting Orientation	Any Orientation
Weight	23 lbs/10.5 kg

*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

3065

Capacity

3.0" x 6.5"

7.5 cm x 16.5 cm

Vacuum Chucks

Standard
Shaped to match component's profile

Low Duromater
Compliant polymer construction

Bubble Free
Chuck profile expands to ensure no trapped air bubbles

Expanding
Peels multiple components and places them with different spacing

Profiling
Wrapping component around target part

Placement Actuators

X-Axis Correction
Corrects cross web component drift

Alpha-Axis
For placing in orientations other than down

Theta-Axis
Rotates component before placement

Options

Additional options to further optimize the 3065 for your needs:

- Rewind Reel
- Dual Rewind Reel
- Top Liner Remover
- Supply Reel Core Adapters
- Non-Stick Input Rollers
- Extended Stroke Lengths
- Clean Room Version
- Tape Low and Tape Out
- Nickel Plated Peel Plate Kit
- Semi-Automatic Platforms

Specifications

Accuracy (repeatability)	± 0.002"/0.05 mm*
Cycle Time	0.7 - 2 sec. typical*
Capacity	
Max Liner Width	6.5"/165 mm max.
Max Component Length	3.0"/76 mm max.
Max Component Thickness	0.25"/6 mm max.
Reel Size	ø 3.0"/76 mm I.O, ø 17"/430 mm O.D.
Air Pressure Requirement	75 psi/5 bar
Air Consumption	2.0 cfm/56 liter/min
Assembly Pressure	35 lbs/153 N max (adjustable)
Environmental	Temperature: 50 - 100° F / 10-38° C Humidity: <90% non condensing
Electrical Interface	2 outputs: ready & clear, 1 input: cycle
Optional Interface	RS-232 Serial Control
External I/O	4 in, 4 out
Stroke	5"/127 mm standard Optional 8"/203 mm.
	12"/305 mm or 20"/508 mm
Power	24 VDC, 4.0 amps (fused)
Mounting Orientation	Any Orientation
Weight	120 lbs/54.8 kg

*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

4065

Capacity

4.0" x 6.5"

10.16 cm x 16.5 cm

Vacuum Chucks

Standard
Shaped to match component's profile

Low Duromater
Compliant polymer construction

Bubble Free
Chuck profile expands to ensure no trapped air bubbles

Expanding
Peels multiple components and places them with different spacing

Profiling
Wrapping component around target part

Placement Actuators

X-Axis Correction
Corrects cross web component drift

Alpha-Axis
For placing in orientations other than down

Theta-Axis
Rotates component before placement

Options

Additional options to further optimize the 4065 for your needs:

- Rewind Reel
- Dual Rewind Reel
- Top Liner Remover
- Supply Reel Core Adapters
- Non-Stick Input Rollers
- Extended Stroke Lengths
- Clean Room Version
- Tape Low and Tape Out
- Nickel Plated Peel Plate Kit
- Printer Integration
- Semi-Automatic Platforms

Specifications

Accuracy (repeatability)	± 0.002"/0.05 mm*
Cycle Time	0.7 - 2 sec. typical*
Capacity	
Max Liner Width	6.5"/165 mm max.
Max Component Length	3.0"/76 mm max.
Max Component Thickness	0.25"/6 mm max.
Reel Size	ø 3.0"/76 mm I.O, ø 17"/430 mm O.D.
Air Pressure Requirement	75 psi/5 bar
Air Consumption	2.0 cfm/56 liter/min
Assembly Pressure	35 lbs/153 N max (adjustable)
Environmental	Temperature: 50 - 100° F / 10-38° C Humidity: <90% non condensing
Electrical Interface	2 outputs: ready & clear, 1 input: cycle
Optional Interface	RS-232 Serial Control
External I/O	4 in, 4 out
Stroke	5"/127 mm standard Optional 8"/203 mm.
	12"/305 mm or 20"/508 mm
Power	24 VDC, 1.6 amps (fused)
Mounting Orientation	Any Orientation
Weight	150 lbs/88 kg

*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

4090

Capacity

4.0" x 9.0"

10.16 cm x 22.86 cm

Vacuum Chucks

Standard
Shaped to match component's profile

Low Duromater
Compliant polymer construction

Bubble Free
Chuck profile expands to ensure no trapped air bubbles

Expanding
Peels multiple components and places them with different spacing

Profiling
Wrapping component around target part

Placement Actuators

X-Axis Correction
Corrects cross web component drift

Alpha-Axis
For placing in orientations other than down

Theta-Axis
Rotates component before placement

Options

Additional options to further optimize the 4065 for your needs:

- Rewind Reel
- Dual Rewind Reel
- Top Liner Remover
- Supply Reel Core Adapters
- Non-Stick Input Rollers
- Extended Stroke Lengths
- Clean Room Version
- Tape Low and Tape Out
- Nickel Plated Peel Plate Kit
- Printer Integration
- Semi-Automatic Platforms

Specifications

Accuracy	± 0.002"/0.05 mm*
Size:	
Depth	1,040 mm (40.94")
Height	680mm (26.78")
Width	397mm (15.63")
Weight	165 lbs/74.75 kg
Input Voltage	24 VDC, 4 Amps (fused)
Current	4A@220V or 8A@115V
Capacity (Component size)	4.0" x 9.0" 0.25" thick / 101.6mm x 228.6mm x 6mm thick
Label Roll Capacity	ø430mm (17")
Label Roll Core Size	ø76mm (3")
Cycle Time	0.7-2.5 Seconds*
Air Pressure Requirement	75 psi/5 bar
Air Consumption	2.0 ofm (56 liter/min)
Stroke	5" (127mm) Standard 8" (203mm) or 12" (305 mm) Optional
Assembly Pressure	35 lbs/153 N max (adjustable)
Standard Interface	1 Input: Cycle
Optional Interface	TTL Serial Reporting
External IO	8

*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

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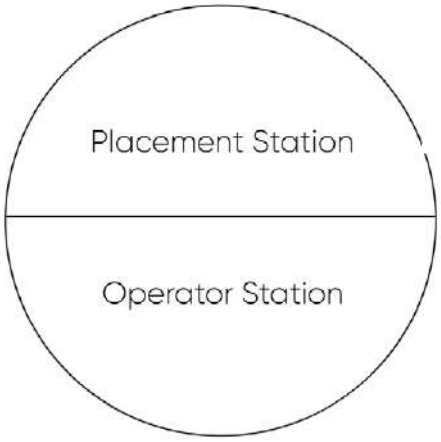
The OP1, OP2 & OP3 Configuration Accessories

OP1

Using this semi-automated option, the adhesive component placement cycle is initiated by the operator placing the middle-finger of each hand (simultaneously) on the activation buttons on the left and right sides of the unit. This keeps the operator's hands away from the process during the placement. After the placement cycle is completed the operator will remove the completed assembly from the nest and place a new target part before initiating the next cycle.

OP2

The two stations of the OP2 are the operator side station and the placement station within the machine. The OP2 comes with a rotary table for these two stations built with a light curtain sensor that registers hand movement in the operator's station – this ensures safety and efficiency. The operator places the part that needs the adhesive placement in his or her operator station and when their hands vacate the station, the rotary table automatically turns and positions itself for assembly. As one part is being assembled, the other side of the rotary table is ready for part insertion/removal.



OP3

Using this semi-automated option, the adhesive component placement cycle is initiated by the operator placing a target part inside the drawer containing the nest and closing the drawer fully. Protective shields keep the operator's hands as well as any other persons near the machine away from the process during the placement. After the placement cycle is completed, the drawer automatically ejects allowing the operator to remove the completed target part from the nest and to place a new target part before initiating the next cycle by closing the drawer.

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High Accuracy

Complex Assemblies

Easy Change-Over

Automated Robots

The AccuPlace innovative gantry robot APAC is the optimal turnkey solution for fully automatic assembly tasks using adhesive components. Flexibility, reliability, and easy product change-over are all requirements in today's demanding marketplace. The robot APAC answers these market requirements by achieving the highest possible quality.

Standard linear driven X-Y axes and optional servo Z and U axes ensure that even the most complex assembly steps with different orientation changes and multiple placements can be achieved easily.

An integrated vision system ensures accurate assembly even of parts with high tolerances. The PC based control with a powerful ARSIC software system supports the most effective adhesive component assembly tool available on the market.

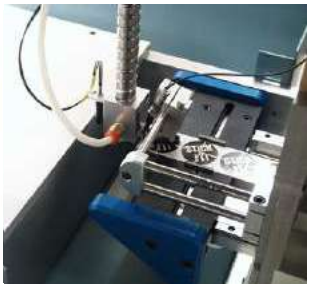
APAC

Application Examples

Placing of an insulator onto a fan clip.

Assembly of medical product adhesive

Assembly of adhesive backed dome switch arrays onto a PCB. PCB shows very high tolerance.

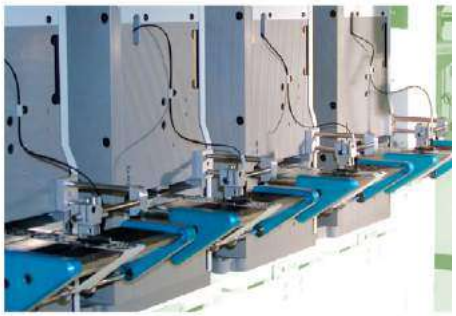


Peeling of an adhesive label before placement.

Part Handling

To load/unload the APAC, various transport systems such as dual tray shuttle, SMEMA conveyor, or tray handling units can be integrated.

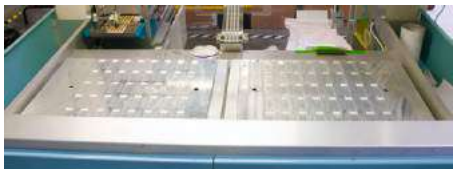
4 Robots



Up to four robot models RM3065 can be integrated into the APAC. This allows feeding of up to 4 different adhesive components, allowing the execution of complex assembly tasks.

Flexibility

Due to AccuPlace's outstanding patented peeling technology, challenging components can be handled reliably. For example double-sided tapes, clear components on a clear liner, or very small film adhesives.



Vacuum Chucks

Custom made vacuum chucks are the only hardware required to change-over from one to another product. This flexibility allows running of various product programs within the same day. Fully automatic tooling changeover is also available.

APAC

Specifications	
Accuracy (repeatability)	± 0.0005”/0.013 mm*
Travels	
X	639.4”/1000 mm
Y	19.7”/500 mm
Z	5.9/150 mm
U	120°
Adhesive Component Capacity	(4 max) 8” x 8”/200mm x 200mm ø 17”/430 mm O.D.
Speeds	
X	240”/sec./6m/sec.
Y	240”/sec./6m/sec.
Z	40” / sec/1 m/sec.
U	20 radian/sec.
Electrical	
Voltage	200-250 Vac
Current	35 amps
Frequency	50/60 Hz
Phase	1
Control	
Host interpreter and	Windows 7 / Latest Generation
Front end processor	i3 processor
RAM	4 Gigabytes
HDD Storage	Solid State Drive
Motion Controller	4 Axis, high speed, sinusoidal
Analog I/O	12 bit differential
Digital I/O	(24) 24V inputs, (24) 24V outputs
Pneumatic	
Pressure	80 psi/5.4 bar
Consumption	6 cfm/170 liter/min
Force (placement actuator)	Up to 1000kg
Weight	4200 lbs/1900 kg

*Component department. AccuPlace will evaluate your application upon receiving your parts and specifications.

Label Feeders

AccuPlace robot mode is an adhesive component feeding system for components utilizing 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
- Where problematic placement locations require complex actuation mechanisms.

RM1515

Capacity

1.5" x 1.5"

3.8 cm x 3.8 cm

Features

- Small overall equipment dimension for integration into work cells
- All aluminum parts are nickel plated
- Clean room option standard to reduce chances of contaminating the target part with particulates from the placement machine
- AccuPlace's proven peeling technology process for ultimate accuracy and process reliability
- Minimal mechanical adjustments allow for easy component changeover
- High precision construction insures lasting quality

Options

Rewind Reel
Take up waste liner

Flangeless Mounting
Additional clearance under the machine

Clean Room
Reduce contamination

Tape Out Sensor
Indicates when supply nest is empty

Universal AC Power Supply

Mounting Foot
Horizontal mounting of machine

Nickel Plated Peel Plate Kit
Reliable sensing of components from a clear liner


Rewind Reel


Nickel Plated Peel Plate Kit

Specifications

Accuracy (repeatability)	± 0.002"/0.05 mm*
Cycle Time	0.5 - 1.5 sec. typical*
Capacity	
Max Liner Width	1.5"/38 mm max.
Max Component Length	1.5"/38 mm max.
Max Component Thickness	0.2"/5 mm max.
Reel Size	ø 3.0"/76 mm I.O., ø 12"/300 mm O.D.
Roll Core Size	3"/76mm
Air Pressure Requirement	75 psi/5 bar
Air Consumption	1.0 cfm/28 liter/min
Environmental	Temperature: 50 - 100° F / 10-38° C Humidity: <90% non condensing
Electrical Interface	2 outputs: ready & clear, 2 inputs: cycle & robot clear
Optional Interface	RS-232 Serial Control
External I/O	4 in, 4 out
Power	24 VDC, 1.6 amps (fused)
Mounting Orientation	Any Orientation
Weight	22 lbs/10 kg
Size: Depth	19.58"/497mm
Height	25.68"/652mm
Width	3.485"/88.5mm

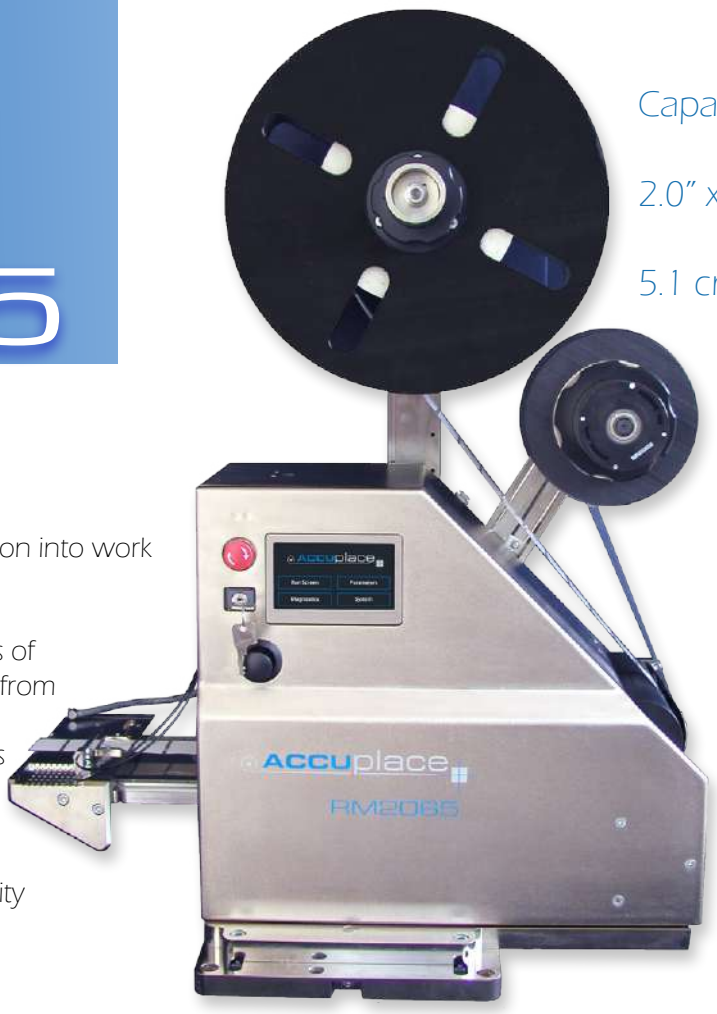
*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

RM2065

Capacity

2.0" x 6.5"

5.1 cm x 16.5 cm



Features

- Small overall equipment dimension for integration into work cells
- All aluminum parts are nickel plated
- Clean room option standard to reduce chances of contaminating the target part with particulates from the placement machine
- AccuPlace's proven peeling technology process for ultimate accuracy and process reliability
- Minimal mechanical adjustments allow for easy component changeover
- High precision construction insures lasting quality

Options

Rewind Reel
Take up waste liner

Clean Room
Reduce contamination

Tape Out Sensor
Indicates when supply nest is empty

Universal AC Power Supply

Mounting Foot
Horizontal mounting of machine

Nickel Plated Peel Plate Kit
More reliable sensing of components from a clear liner

Rewind Reel

Nickel Plated Peel Plate Kit

Specifications

Accuracy (repeatability)	± 0.002"/0.05 mm*
Cycle Time	0.5 - 1.5 sec. typical*
Capacity	
Max Liner Width	2"/50.8 mm max.
Max Component Length	6.5"/165.1 mm max.
Max Component Thickness	0.25"/6.35 mm max.
Reel Size	ø 3.0"/76 mm I.O., ø 12"/300 mm O.D.
Roll Core Size	ø 3"/76mm
Air Pressure Requirement	75 psi/5 bar
Air Consumption	1.0 cfm/(28 liter/min)
Environmental	Temperature: 50 - 100° F / 10-38° C Humidity: <90% non condensing
Electrical Interface	2 outputs: ready & clear, 2 inputs: cycle & robot clear
Optional Interface	RS-232 Serial Control
External I/O	4 in, 4 out
Input Voltage	100-240 VAC 50-60 Hz 1ø
Mounting Orientation	Any Orientation
Weight	100 lbs/45.3 kg
Size: Depth	21.9"/556mm
Height	31.37"/797mm
Width	11"/279mm
Construction	Cast Aluminum Frame, Nickel-plated

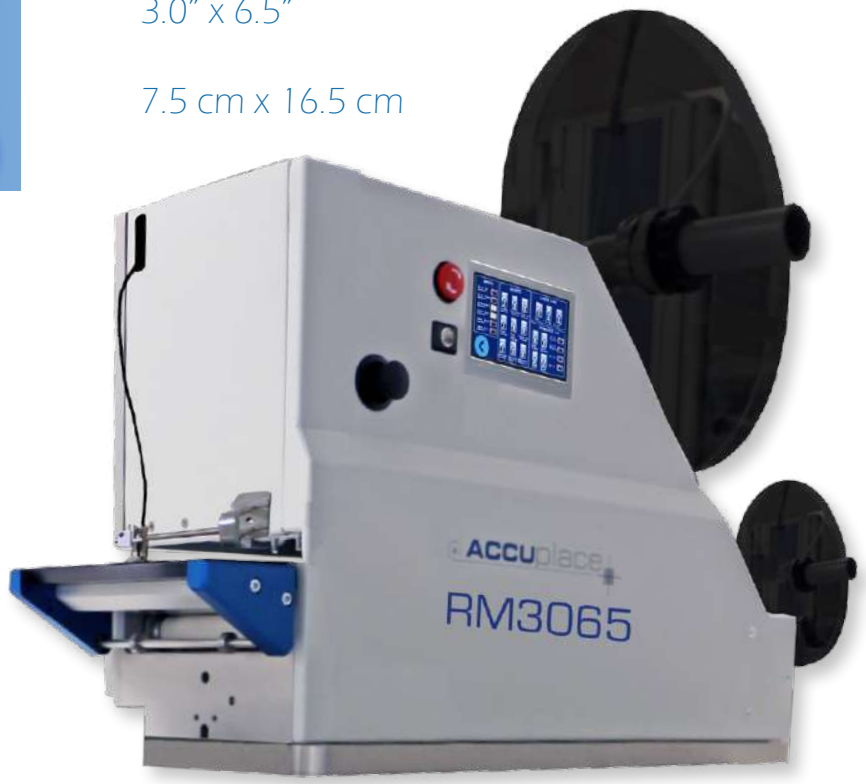
*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

RM3065

Capacity

3.0" x 6.5"

7.5 cm x 16.5 cm



Features

- AccuPlace's proven peeling technology process for ultimate accuracy and process reliability
- Small overall equipment dimension for integration into work cells
- All aluminum parts are anodized
- Clean room option available to reduce chances of contaminating the target part with particulates from the placement machine
- Minimal mechanical adjustments allow for easy component changeover
- High precision construction insures lasting quality

Options

Rewind Reel
Take up waste liner

Clean Room
Reduce contamination

Tape Out Sensor
Indicates when supply nest is empty

Universal AC Power Supply

Mounting Foot
Horizontal mounting of machine

Nickel Plated Peel Plate Kit
More reliable sensing of components from a clear liner

Specifications

Accuracy (repeatability)	± 0.002"/0.05 mm*
Cycle Time	0.5 - 1.5 sec. typical*
Capacity	
Max Liner Width	6.5"/165 mm max.
Max Component Length	3.0"/76 mm max.
Max Component Thickness	0.25"/6 mm max.
Reel Size	ø 3.0"/76 mm I.O., ø 17"/430 mm O.D.
Air Pressure Requirement	75 psi/5 bar
Air Consumption	1.0 cfm/28 liter/min
Environmental	Temperature: 50 - 100° F / 10-38° C Humidity: <90% non condensing
Electrical Interface	2 outputs: ready & clear, 2 input: cycle & robot clear
Optional Interface	RS-232 Serial Control
External I/O	4 in, 4 out
Power	24 VDC, 4.0 amps (fused)
Mounting Orientation	Any Orientation
Weight	120 lbs/54.8 kg
Size: Depth	35.48"/901mm incl. rewind reel
Height	26.78" (580mm)
Width	279mm (11")

*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

RM ÆVO

Capacity

4.0" x 6.5"

10.2 cm x 16.5 cm

Features

- AccuPlace's proven peeling technology process for ultimate accuracy and process reliability
- Minimal mechanical adjustments ensure easy setup and component changeover
- Rollerless drive technology means higher accuracy, lower maintenance, and longer life
- No tools required for routine maintenance
- Advanced clean room options for ultra-clean environments
- Simple material threading ensures quick roll replacements
- High precision construction for lasting quality

Print & Apply

- Zero-queue printing for serialized printing
- 300 dpi or 600 dpi available
- Very compact printer design, integrated in applicator
- High print quality on even the smallest labels
- Economic in material consumption
- Barcode scanner for print verification can be integrated

Specifications

Printing Registration Accuracy	± 0.002"/0.05 mm*
Size:	
Depth	528 mm (20.79")
Height	809mm (31.86) (incl. stack indicator)
Width	180mm (7.09")
Weight	63 lbs/28.5 kg (including printer)
Input Voltage	100-240 VZC 50-60Hz 1ø
Current	4A@220V or 8A@115V
Capacity(Label or Component size)	Max 50mm x 50mm x 5 mm thick / 2"x2"x.02" LxWxH
Label Roll Capacity	ø430mm (17") x 60mm (2.36")Liner Width
Label Roll Core Size	Ø76mm (3") or ø152.4mm (6")
Air Pressure Requirement	75 psi/5 bar
Printing Thermal Media Capacity	Ø.69.85mm (2.75")x60mm (2.36") max. 20mm (0.78") min., core ø 25.4 (1")
Speed	1.5 sec. typical peel & place 2-5 sec. Typical print, peel & place
Clean Room Printing	Possible, requires the correct choice or label stock, ribbon, and core
Ribbon	Wound out thermal transfer ribbon
Print Resolution	300 dpi & 600 dpi
Life Time Print Head	$1.0x10^8$ pixel cycles. (For a 300 dpi print head, the lifetime is 333.3" of print length

*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

RM8090

Capacity

8.0" x 9.0"

20.3 cm x 22.9 cm

Features

- AccuPlace's proven peeling technology for ultimate accuracy and process reliability
- Designed for easy integration into work cells
- All aluminum parts are anodized
- Clean room option available to reduce chances of contaminating the target part with particulates from the placement machine
- Minimal mechanical adjustments allow for easy component changeover
- High precision construction insures lasting quality

Options

Rewind Reel
Take up waste liner

Clean Room
Reduce contamination

Tape Out Sensor
Indicates when supply nest is empty

Universal AC Power Supply

Mounting Foot
Horizontal mounting of machine

Nickel Plated Peel Plate Kit
More reliable sensing of components from a clear liner

Specifications

Accuracy (repeatability)	± 0.002"/0.05 mm*
Cycle Time	0.5 - 1.5 sec. typical*
Capacity	
Max Liner Width	9.0"/225 mm max.
Max Component Length	8.0"/200 mm max.
Max Component Thickness	0.25"/6 mm max.
Reel Size	ø 3.0"/76 mm I.O, ø 17"/430 mm O.D.
Air Pressure Requirement	75 psi/5 bar
Air Consumption	1.0 cfm/28 liter/min
Environmental	Temperature: 50 - 100° F / 10-38° C Humidity: <90% non condensing
Electrical Interface	2 outputs: ready & clear, 2 input: peel & robot clear
Optional Interface	RS-232 Serial Control
External I/O	4 in, 4 out
Power	24 VDC, 4.0 amps (fused)
Mounting Orientation	Any Orientation
Weight	120 lbs/54.8 kg
Size: Depth	55.0"/1397mm incl. rewind reel
Height	25.5"/580mm
Width	11.2"/284.5mm

*Component dependent. AccuPlace will evaluate your application upon receiving your parts and specifications.

"Slide labeling alone accounted for 67% of defects"

Source: The Henry Ford Production System: Measures of Process Defects and Waste in Surgical Pathology as a Basis for Quality Improvement Initiatives ©2007 American Society for Clinical Pathology

YOUR NEW LAB BUDDY

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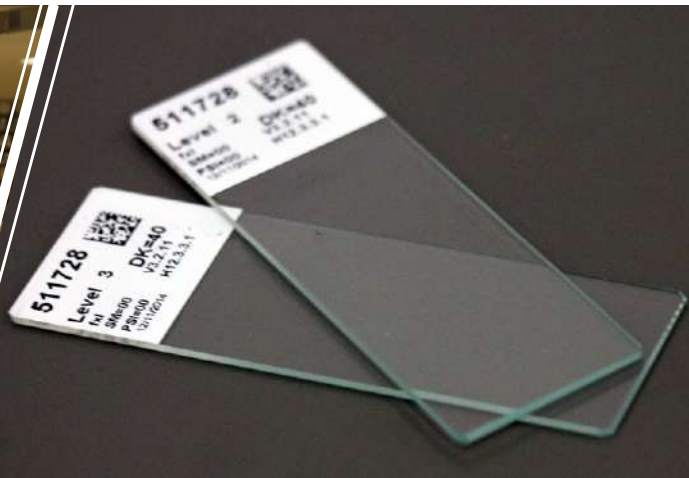

Specifications

Printing Registration Accuracy	± 0.002”/0.05 mm*
Size:	
Width	6.0”/152 mm
Height	8.9”/226mm
Depth	10.4”/264mm
Weight	9.5 lbs/4.3 kg
Input Voltage	100-240 VZC 50-60Hz 1ø
Power Requirements	Universal 100-240 VAC 47-63Hz 1.2A max.
Color	Grey/Blue
Slide Type	3”x1” or 25mm x 75mm x 1mm w. frosted or color end*
Media Type	Thermal transfer ribbon, 1” wide roll
Media Capacity	1 roll, approximately 10,000 Slides
Media Color	Black
Throughput	3-12 Slides/minute typical, slide dependent

*Slide dependent.

Additional Features

Recessed connector area allows machine to go against a counter back-splash or even in a corner
Display shows data ready for printing
User can select number of slides to print
Machine can automatically print slide number/number in series if desired. (1 of 4, 2 of 4, etc.)
Format controls allow automatic printing of fixed information such as lab name, username, etc.
Highly ergonomic design suitable for counter level of shelf level operation
Slides are held inside the unit’s side door to protect them front dust and the environment
UL/CE marked universal AC power adapter included
Ethernet and USB interface for PC and LIS integration
Powerful microprocessor enhances the machine’s speed and easy of setup
Multiple fonts can be printed on each slide - large & small readable characters and barcodes
Front data connector interfaces with a barcode scanner or a keyboard/scanner adapter
Multi-language menu system (English, French, Italian, German, Chinese & Japanese)

pslim

Laboratory Slide Printer

(954) 791-1500
1800 NW 69th Avenue
Plantation, FL 33313

accuplace.com