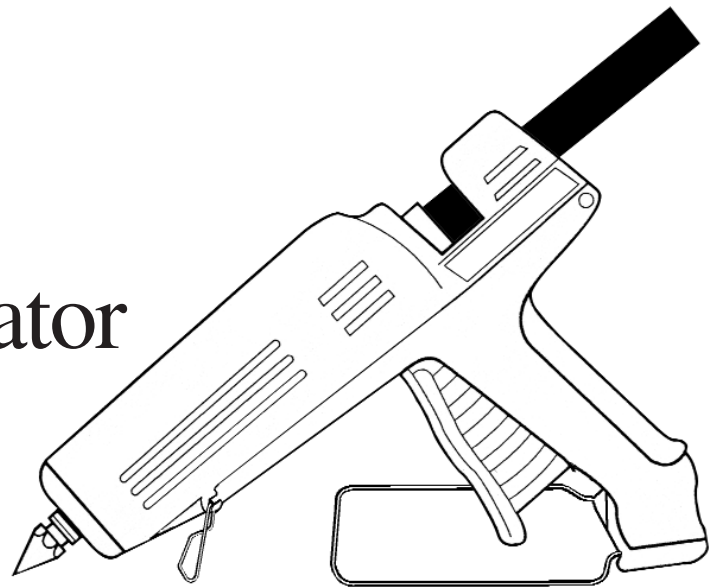




Polygun™ AE II Adhesive Applicator



Important Safety Instructions

Intended Use

The 3M™ Polygun™ AE II Adhesive Applicator is designed for use with 3M™ Jet-melt™ AE Adhesive sticks in an industrial environment. Using the applicator with any other adhesive or for any purpose other than for which it is intended is not recommended and could cause unsafe conditions.

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY

Polygun AE II adhesive applicator operation and maintenance.

WARNING

To reduce the risk of **electrical shock or injury** while operating or servicing the 3M Polygun AE II adhesive applicator, observe the following safety rules:

1. Operate the applicator only as described in this manual.
2. Use only 3-pronged grounded plug and properly grounded outlet. Failure to use properly grounded plug and outlet **may cause electrical shock**. If you are not sure of proper connections, get help from a qualified electrician or service person.
3. Do not unplug the applicator by pulling on the cord. Grasp the plug, not the cord, to unplug.
4. Do not handle the plug or applicator with wet hands.
5. Do not use the applicator outdoors or on wet surfaces.
6. Do not use the applicator with a damaged cord or plug.
7. Do not use the applicator if it is not working properly or has been dropped, damaged, submerged in water or left outdoors.
8. Do not use an unapproved extension cord with the applicator. Use of an unapproved extension cord **may cause electrical shock**. Use an extension cord that complies with NEC requirements and state and local codes and other requirements.
9. Do not attempt to service this applicator. It is not designed for servicing and attempting to do so may cause electrical shock.

Caution

1. Do not touch hot adhesive, applicator tip or metal components. **May cause burns**. Wear heat resistant gloves and safety glasses.
2. Do not pull adhesive cartridge from the rear of the applicator while in operation. Removing adhesive from the rear may cause molten adhesive to flow out the rear of the applicator which **may cause burns and damage the applicator**.



Indicates
high voltage



Indicates
hot surface

Use only 3M Jet-melt AE Adhesive sticks.

Note: For health and safety information, see product label and Material Safety Data Sheet for 3M Jet-melt adhesives before using.

Set up and Installation Procedures

Remove 3M™ Polygun™ AE II applicator and bench stand from shipper and inspect for obvious damage.

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY

- **Save these instructions**
- **Read all instructions before using this product**

1. Attach one or both of the supplied bench stands.

The small stand snaps into the two holes located on the front of the applicator housing.

The large wire platform stand slides into the base.

ALWAYS USE A BENCH STAND WITH YOUR APPLICATOR.

2. Connect electrical service

Select work station where 110V AC grounded receptacle is available.

3. Start up

Plug applicator into electrical service. Insert a 3M™ Jet-melt™ AE Adhesive stick into the round opening at rear of applicator. Adhesive stick must be inserted far enough for the feed mechanism to be engaged. Allow the applicator to warm up (3-5 minutes). **(During the warm up period, you may note a slight dripping from the nozzle tip. This dripping is due to pressure which can build up during warm up.)** Applicator is now ready for use.

4. Application

Become familiar with your new 3M™ Polygun™ AE II Adhesive Applicator by actuating the trigger. Start by applying small amounts of adhesive in puddles and beads on cardboard. Once you feel comfortable with the applicator, begin your application by applying the necessary amount of adhesive to sufficiently bond the substrates together. The bond will form in seconds and be ready for handling in minutes.

5. Shut down

To shut down the applicator, unplug and set aside. Always use the bench stand when applicator is not in use.

Note: IF 3M POLYGUN AE II APPLICATOR HAS NOT BEEN USED FOR ONE HOUR OR MORE PRIOR TO SHUT DOWN, TURN OFF ELECTRICITY AND DISPENSE ADHESIVE FOR TEN SECONDS OR LONGER.

Preventive Maintenance

- Always use bench stand when 3M Polygun AE II applicator is not in use. **DO NOT LAY APPLICATOR ON ITS SIDE.** This impedes the cooling process and may cause plugging problems.

- Inspect and clean tip on a daily basis to ensure trouble-free operation. **USE OF 3M™ SCOTCH-BRITE™ PAD MAY HELP TO CLEAN TIP.**
- Open adhesive carton only when necessary. Keep sticks clean and free from airborne contaminants.

Note: It may be necessary to physically remove adhesive deposits on the feed mechanism if adhesive build-up occurs. Do this only when the applicator is unplugged and at room temperature.

Trouble Shooting

No heat-

Probable cause	Solution
1. Applicator not plugged in.	Plug applicator in.
2. Damaged electrical cord.	Replace applicator.
3. Electrical service is out.	Have qualified person check circuit.

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