



250-12 • 250 LT-12

Operating Instructions  
Electronic Applicator

Please read carefully before  
attempting operation.

## SAFETY INSTRUCTIONS

**Do not touch the nozzle or molten adhesive with bare skin as they are hot - the operating temperature of this tool is approximately 200°C / 392°F (LT 120°C / 248°F). Protective gloves should always be worn. Careless handling can cause skin burns.** If molten adhesive comes into contact with the skin, immerse the affected area immediately in plenty of cold water. Seek medical advice if necessary. In addition to the safety instructions herein, any statutory regulations, local fire insurance regulations, or other generally valid "regulations for accident prevention" must be complied with when using this tool.

- WARNING - This tool must be placed on its stand when not in use; do not leave the tool unattended when switched ON.
- Place the tool on its stand after use and allow it to cool down before storage.
- Never use the tool if it is damaged in any way. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similar qualified persons in order to avoid a hazard.
- Do not use this tool whilst under the influence of drugs or alcohol.
- Do not use this tool in damp rooms, and do not expose to rain or moisture.
- Do not use this tool in the vicinity of any heat-sensitive materials, or any flammable materials, liquids, or gases, and do not apply to the same place for a long time.
- Only use extension cables with a wire cross-section of 1.5mm<sup>2</sup> / 16 a.w.g. and no more than 20m / 65 ft in length.
- Never pull on the tool's connecting cable.
- This tool is not intended for the use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the tool by a person responsible for their safety.

## USING THE TEC 250-12

Before using the tool for the first time:

1. Check it carefully for signs of external damage. If any transit damage is found DO NOT USE THE TOOL - return it to your supplier immediately.
2. Insert a TECBOND® glue stick into the rear of the tool. Push the stick forward until slight resistance is felt.

Normal use:

- Place the tool in an upright position on a flat surface.
- Plug the tool into the power supply socket, and switch on the power.
- Wait 5 - 7 minutes for the tool to reach its normal operating temperature.
- Squeeze the trigger to advance the glue stick and extrude molten adhesive through the nozzle.
- To stop extruding adhesive simply release the trigger.

When adhesive can no longer be extruded from the tool, it is time to reload a further glue stick. Once the gluing task is completed place the tool in an upright position on a flat surface (always use the stand when resting the tool). Ensure that the nozzle cannot cause any damage to surrounding materials.

Switch off the power, and allow the tool to fully cool down before packing it away. Never wrap the power lead around a tool that has not fully cooled. Any unused glue stick can remain in the tool; it will be fully reusable when heated up again.

## APPLICATION HINTS

As with all adhesives, performance depends on conditions of use. Suggestions or recommendations contained herein are for guidance only, since actual conditions of use are outside the supplier's control.

- Ensure that the surfaces to be bonded are dry, free from dust, grease, and loose particles.
- Apply adhesive to one surface only. Bring the two surfaces together immediately, quickly making any further adjustments. Hold the joint for 20 - 30 seconds to complete the bond.
- When gluing dissimilar materials, apply the adhesive to the least heat conductive of the two.
- On materials that are cold to the touch, a better bond can be made by pre-warming them before applying adhesive.
- Surplus adhesive can be trimmed using a sharp knife once it has cooled. Should molten adhesive drip onto a smooth or polished surface, allow it to cool completely before removal.
- Spots or blobs of adhesive are recommended for workpieces having a large surface area, or which are particularly long.
- Applying the adhesive in wavy lines is recommended for gluing textiles or similar materials.
- Foam materials, like polystyrene, can be easily bonded to other surfaces. However the adhesive must be applied to the other surfaces, not to the foam.
- Use only genuine TECBOND® adhesive sticks to ensure reliable performance. TECBOND® adhesive sticks are non-toxic and non-flammable.

## REPLACING THE NOZZLE

Only replace the nozzle whilst the tool is still warm. Disconnect the tool from the power supply before proceeding, and always use protective gloves.

Remove the rubber safety cover from the nozzle. Unscrew the nozzle from the tool using a 13mm spanner. Fit the replacement nozzle, ensuring that it is securely tightened. Replace the rubber safety cover.

## PREVENTATIVE MAINTENANCE

- When in use, do not lay the tool on its side - always place upright using the stand provided.
- Do not use excessive force on the trigger. Ensure that the tool has fully warmed up before use.
- Keep the nozzle clean to prevent adhesive build-up. This is easily done by wiping the nozzle with clean paper or cloth whilst the nozzle is still warm.
- Should "glue backup" or "meltback" accidentally occur (when molten adhesive becomes visible at the point where the glue stick enters the heater tube), switch off the tool and allow the adhesive to cool. Gently pull away this excess adhesive, reconnect the power, and allow the tool to warm up again. Now squeeze the trigger two or three times to advance the glue stick then use the tool as normal.

## SERVICE AND REPAIRS

Except for the replacement of the nozzle, the TEC 250-12 contains no user-serviceable parts.

## GUARANTEE

This TEC 250-12 is guaranteed against faulty workmanship and materials for a period of 12 months from the date of purchase. Within this warranty period the manufacturers undertake, at their discretion, to either repair or replace any tool proved to be defective (proof of purchase will be required for verification). This guarantee is invalidated if the tool is opened, or modified in any way, or if adhesive formulations other than those supplied by the tool's manufacturer are used. Warranty claims attributable to improper, or careless, use or handling, and to normal wear, are excluded from this guarantee.

The supplier's and manufacturer's only obligation shall be to replace such tools that are proved to be defective. Neither supplier nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use, or the inability to use, this tool. The user shall determine the suitability of this product for its intended use, and the user assumes all risks and liability whatsoever in connection therewith.

The manufacturer reserves the right to improve or modify this product without prior notice.

## BOND • SEAL • ASSEMBLE • INSULATE • REINFORCE • ENCAPSULATE • REPAIR • FILL – INSTANTLY

Suitable for use with most materials. Just apply TECBOND® hotmelt to one surface then press parts together and the bond is made. Can be used for bonding: Wood, Paper, Cardboard, Foam, Chipboard, Hardboard, some Plastics, Rubber, Glass, thin Metals, Ceramics, Leather, Fabrics and many more. The TEC 250-12 is simplicity itself, to operate just plug into any power supply (100 - 240 VAC) and the tool will be ready for use in just 7 minutes. Glue sticks can be fed continuously through the back of the tool. Use only genuine TECBOND® high performance glue sticks.

### Technical data

|   |   |
|---|---|
| Dimensions (L x H x W):                     | approx. 180 x 170 x 35mm (7" x 6½" x 1½") |
| Total weight:                               | approx. 370g (13oz)                       |
| Connection cable with mains plug:           | 1.8m long (6')                            |
| Operating voltage:                          | 100 to 240 VAC 50/60Hz                    |
| (electronic voltage control)                |   |
| Heating up time:                            | 5 - 7 min.                                |
| Operating temperature:                      | approx. 200°C / 392°F (LT 120°C / 248°F)  |
| Diameter of tube inlet:                     | 11 - 12mm (½")                            |
| (use only genuine TECBOND® adhesive sticks) |   |

### Power consumption

|                     |   |
|---------------------|---|
| Heating up phase:   | approx. 500 W                           |
| Rest period:        | approx. 20 W                            |
| Operating phase:    | approx. 45 W                            |
| Extension cable:    | max. 20m long (65')                     |
| Wire cross section: | at least 1.5mm <sup>2</sup> (16 a.w.g.) |

### Declaration of conformity

We declare under our sole responsibility that this product is in conformity with the following standards or standardisation documents:

EN 55014-1: 1997; EN 61000-3-2: 1995; EN 61000-3-3: 1995; EN 55014-2: 1997;  
EN 60335-2-45: 1990 according to the provisions of the regulations 73/23/EEC, 89/336/EEC (and amendments).

Made in England

|        |                           |
|--------|---------------------------|
| MDJ002 | Standard nozzle           |
| MDJ004 | Extension nozzle          |
| MDJ005 | Spreader extension nozzle |
| MDJ007 | Slotted spreader nozzle   |
| MDJ008 | Precision nozzle          |

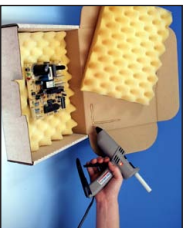
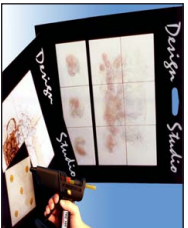
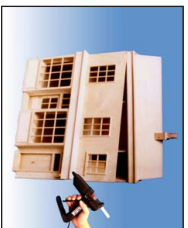
### Optional Nozzles



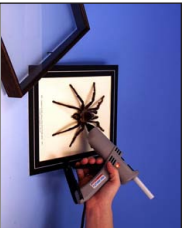
MDJ002 MDJ004 MDJ005 MDJ007 MDJ008



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ENCAPSULATE • DECORATE • REPAIR • FILL *INSTANTLY***

For optional parts please visit our website:

[www.poweradhesives.com](http://www.poweradhesives.com)

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