

HOTFIX 180 TEC 200, LM100

... the power to perform

**POWER
ADHESIVES**

DATA SHEET

Lightweight Hotmelt
Adhesive Applicator Range

The **TEC** lightweight range of glue guns offer unrivalled reliability, ease of use, and exceptional adhesive melt rates for glue guns of this size.

A high quality, self regulating heater controls the glue gun temperature and is designed to provide years of trouble free service.

Operating any of these guns is simplicity itself. Load it with the appropriate **TECBOND** glue stick, switch on and wait 5 - 7 minutes for the gun to reach full operating temperature. Apply the molten adhesive to one surface by simply pulling the trigger, then press the parts together for an instant bond.

The lightweight glue guns are designed to be comfortable and easy to use. An efficient melt chamber reduces the effort required to extrude adhesive and minimises operator fatigue. The thin profile of the tool provides excellent visibility and helps to ensure the correct positioning and application of precise quantities of adhesive every time.

This system lends itself ideally to applications where small quantities of adhesive are required repetitively, in product assembly, packaging, and general use. The lightweight glue guns are also suitable for schools, colleges and outworkers, where a safe reliable glue gun is essential.

They will bond, seal, assemble, insulate, repair, reinforce, encapsulate, and fill instantly.

The **TEC** lightweight range is made to meet the latest worldwide Electrical Safety Standards. They are supplied complete with clip-on stands, full operating instructions, and a one year guarantee.

HOTFIX 180



The **HOTFIX 180** is an industrial lightweight hotmelt gun capable of dispensing up to 1kg/hr of molten hotmelt. It has a front clip-on stand and a safety nozzle cover.

TEC 200



The **TEC 200** is identical in performance to the **HOTFIX 180** but has the added feature of a power-on warning light and a heavier duty gun stand.

SPECIFICATION

VOLTAGE	100-240V (Electronically self regulating).
HEATER	20-400W (Electronically self regulating).
TEMP CONTROL	190°C self regulating heater (TEC LM100 130°C self regulating heater).
WEIGHT	280 grams.
POWER CABLE	1.8m PVC sheathed (UK, European, Australian & USA versions available).
MELT RATE	Up to 1kg/hr depending on adhesive.
ADHESIVE SIZE	TECBOND 12mm hotmelt glue sticks (TEC LM100, TECBOND 12mm lowmelt glue sticks)

OPTIONAL NOZZLES

The lightweight guns are all supplied with a one-hole nozzle, size 1.8mm orifice (part no. MDJ002). Optional nozzles are available for specialised purposes and to speed up adhesive application.



Ref.	Part No.	Type	Description
1	MDJ008	Precision Nozzle	1.25mm orifice, 5mm extension
2	MDJ006	Pencil Point Ext.	1.8mm orifice, 5mm extension
3	MDJ004	Extension	1.8mm orifice, 12mm extension
4	MDJ005	Spreader Ext.	5mm wide flat orifice, 11mm extension
5	MDJ007	Slotted Spreader	Allows a 12mm wide spread of glue

TECBOND ADHESIVES

Reference	Description
232/12/300	Clear general purpose stick, medium open time (also available in many colours)
240/12/300	Clear high performance stick, long open time, suitable for most materials
214/12/300	Fast setting packaging adhesive
1942/12/300	Long open time woodworking and general purpose adhesive
1X/12/300	Low viscosity, general purpose adhesive

HOTMELT ADHESIVE RE-ORDER



provides variations in setting time, colour, heat resistance and viscosity to suit every application.

TECBOND high performance 12mm adhesive sticks specially designed for use in the TEC 200 and HOTFIX 180 are available to bond virtually any material. The range

LOW TEMPERATURE BONDING



The TEC LM100 glue gun and TECBOND lowmelt adhesive sticks give an instant bonding system that operates at a lower temperature than conventional glue guns - nearly 70°C lower. This makes it an ideal system for bonding thermally sensitive materials.

The low melt technology is ideal for florists assembling dried flower arrangements, primary and secondary schools for making wooden and cardboard models, art departments in colleges and universities, as well as many other craft and hobby applications. It is even possible to stick decorative pieces onto inflated balloons without heat damage.

LOWMELT ADHESIVE RE-ORDER



wood, and many more. It has been formulated for application temperatures between 120°C and 140°C.

TECBOND lowmelt glue sticks are specially designed to be used in the TEC LM100 gun. It will bond a wide variety of substrates including paper, board, fabric, foam, film, wood, and many more. It has been formulated for application temperatures between 120°C and 140°C.

Designed and built to comply with EN 60335-2-45



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