

# GAS-TEC 500

.. the power to perform

POWER  
ADHESIVES

# DATA SHEET

## The Portable Gas Powered Hotmelt Glue Applicator

The **GAS-TEC 500** is a cordless glue gun that runs on butane gas. It does not require mains electricity but can be simply recharged from a standard cigarette lighter gas refill. These refills are low cost and readily available.

Load the gun with standard 12mm **TECBOND** hotmelt adhesive sticks, then after an initial 5 minute warm up, the tool will dispense up to 1.6 kilos of molten hotmelt per hour.

The heavy duty design and high output of this tool means that it is the preferred choice for both the professional, and for industrial users that have a requirement for cordless operation. The unique portability of the **GAS-TEC 500** allows the gun to go to the work rather than bringing the work to the glue gun.

Applications include: shop-fitting; exhibition displays; shop window displays; theatre scenery; flooring/carpet fitting; ceramic tile displays; fixing low voltage telephone and burglar alarm wiring; warehouse repacking; security checking/resealing of boxes; fruit/vegetable packing on site; fixing badges and trim on to cars; fixing electric cables and junction boxes in place prior to plastering; plus many more.

The **GAS-TEC 500** has been designed and built under ISO9001 quality control and complies with European safety requirements. It comes with full operating instructions and a one year guarantee.



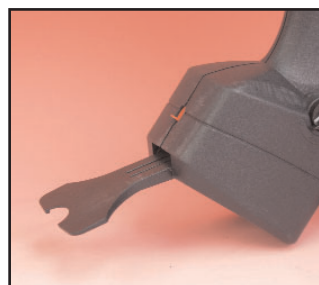
### ADVANCED FEATURES



Enclosed heater housing with rubber shrouded nozzle



Piezo ignition button and ignition view window



Hinged, fold-away stand



Fitted with stainless steel gas tank, incorporating safety pressure release valve

## SPECIFICATION

<b>POWER SOURCE</b>	Butane Gas (from standard cigarette lighter gas refills). Equivalent to 225 Watts.
<b>HEATER</b>	Catalytic heater system.
<b>TEMP CONTROL</b>	Thermostat.
<b>IGNITION</b>	Piezo ignition system.
<b>WEIGHT</b>	770 grams.
<b>NOZZLE</b>	Rubber sheathed one hole with 2 mm orifice.
<b>MELT RATE</b>	Up to 1.6 kg/hr depending on adhesive (average output across the range 1.3 kg/hr).
<b>ADHESIVE SIZE</b>	<b>TECBOND</b> 12mm hotmelt glue sticks.

### INTEGRATED IGNITION SYSTEM

The gas powered heater chamber is ignited using a piezo ignition system.

It heats using a catalytic reaction, so there is no flame. Once the operating temperature of 195°C is reached, a thermostatically controlled gas valve regulates the glue gun temperature, ensuring optimum adhesive performance and economic running of the gun.

Once the **GAS-TEC 500** has reached operating temperature, molten glue is dispensed using the easy to operate trigger. Glue output can then be controlled by varying trigger pressure. The **GAS-TEC 500** also features a spring loaded nozzle valve to give clean shut off and minimise glue dripping. A convenient fold-out stand is fitted to the base of the glue gun to allow the tool to be put down on any flat surface when not in use.



### ADHESIVE RE-ORDER



and viscosity to suit every application.

**TECBOND** high performance 12mm adhesive sticks specially designed for use in the **GAS-TEC 500** are available to bond virtually any material. The range provides variations in setting time, colour, heat resistance

### ENERGY SOURCE

The **GAS-TEC 500** is fitted with a stainless steel gas tank which holds 45 grams of butane gas. It will operate for 1½ to 2 hours from a full tank of gas depending upon usage. It can be refilled in seconds using standard cigarette lighter gas refills which are easily available from a local supplier.



### OPTIONAL KIT

The **GAS-TEC 500** is also available in a robust metal carrying case, complete with 24 x 300 mm general-purpose adhesive sticks, a **TEC MAT** silicone release mat and compartment for gas refill. For transport reasons, the gas refills are not supplied.



Optional nozzle caps are available for specialised purposes and to speed up adhesive application.

### OPTIONAL NOZZLES

The **GAS-TEC 500** is supplied with a two part nozzle size 2mm orifice (part number ANZ016).

Optional nozzle caps are available for specialised purposes and to speed up adhesive application.

No	Part No	Type	Description
1	ANZ032	Needle Extension	1.3 mm orifice, 30 mm extension
2	ANZ030	Extension	3 mm orifice, 30 mm extension
3	ANZ020	Spreader Extension	6 mm wide flat orifice, 30 mm extension
4	MNZ013	2 Hole	3 parallel adhesive lines, 10 mm apart
5	MNZ027	3 Hole	3 parallel adhesive lines, 5 mm apart

