

TEC 6100 RANGE

.. the power to perform

POWER
ADHESIVES

DATA SHEET

High Output Pneumatic Hotmelt Applicator

The **TEC 6100** is probably the world's most powerful demand hotmelt glue gun. Its highly efficient heater housing and 500 watt power make it ideal for the most demanding applications - capable of dispensing up to 11 lbs of molten hotmelt per hour.

The **TEC 6100** is made to a very high specification and offers industry a rugged and reliable production tool at exceptional value for money.

It has many features, such as a fully enclosed heater housing with silicon rubber nozzle shroud, and a power on warning indicator light for extra operator safety. Twin 250 watt stainless steel heaters in the advanced design housing offer maximum thermal efficiency providing fast warm up (5 minutes from cold) and an even melt rate. A solid long-life PTFE barrel and a two-piece easy flow nozzle facilitates fast, smooth molten glue flow. A special non-stick coated piston makes loading easy and reduces glue meltback.

The **TEC 6100** operates using large 1 3/4" adhesive cartridges and can never run out as a cartridge always remains in the gun at the right temperature. Re-loading takes just seconds and is indicated by an audible and visual signal, minimising down time.

The **TEC 6100** is supplied complete with an integral gun stand, suspension ring, full operating instructions, one-year guarantee and complies with worldwide industrial and electrical safety standards.

The **TEC 6100** range includes **high** and **low** temperature versions (please note, these tools are made to order and have the following references,



ADVANCED FEATURES



Enclosed ventilated
heater housing and
silicone rubber
nozzle shroud



Easy load
& non-stick piston



Comes complete with
integral gun stand



Solid PTFE barrel and
power-on warning light

SPECIFICATION

VOLTAGE	110-120V. 50-60Hz
HEATER	2 x 250 watt stainless steel cartridge heaters (Total 500 watts)
TEMP CONTROL	Pre-set thermostat 380°F & safety thermal fuse (420°F thermostat for polyamide glues & 26 0°F thermostat for lowmelt glues)
WEIGHT	3 lbs
POWER CABLE	10 ft, three core, rubber sheathed, with plug fitted + air hose with reinforced heat resistant sheathing.
MELT RATE	up to 11lbs/hr depending on adhesive and temperature
ADHESIVE SIZE	TECBOND 1¾ cartridges

OPTIONAL NOZZLES

The **TEC 6100** is supplied with a one-hole nozzle size 0.080" orifice (part number ANZ016). Optional nozzle caps are available for specialised purposes and to speed up adhesive application.

Important: It should be noted that the nozzle shroud cannot be re-fitted with some optional nozzles.



No.	Part No.	Type	Description
1	MNZ013	2 Hole	2 Parallel adhesive lines 0.40" apart
2	MNZ027	3 Hole	3 Parallel adhesive lines ¼" apart
3	ANZ030	Extension	0.120" orifice, 1¼" extension
4	ANZ032	Needle Extension	0.050" orifice, 1¼" extension
5	ANZ020	Spreader Extension	¼" wide flat orifice, 1¼" extension
6	ADJ004	Slotted Spreader	Allows a ½" wide spread of glue
7	PA 5032	'L' Nozzle	Fast full overlap carton sealing
8	PA 5033	'T' Nozzle	Fast centre flap carton sealing

TEC-AIR 50TDC SILENT AIR COMPRESSOR



The **TEC-AIR 50TDC** compressor is a tough, portable unit, weighing 45 lbs. It can be used with the **TEC 6000 SERIES** of guns intermittently for small area coverage. It is rated at 50lt/min (2.15CFM) and comes complete with 6 ft of cable and its

own adjustable pressure regulator and gauge. Works to a maximum pressure of 8 BAR (120 PSI)

ADHESIVE RE-ORDER



TECBOND high performance 1¾" adhesive cartridges, specially designed for use in the **TEC 6100**, are available to bond virtually any material.

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

OPTIONAL ACCESSORIES



TEC 4000/TK TIMER CONTROL

Used in conjunction with the bench mount kit, the **TEC 4000/TK** enables a measured amount of adhesive to be applied with each

operation of the foot pedal. This improves quality, guarantees consistent bonding & reduces the amount of adhesive used.



TEC 6100/BMK BENCH MOUNT KIT

This bench mount kit converts your **TEC 6100** to a statically mounted foot operated glue station. It allows operator to have both hands free for gluing applications, improving

productivity by up to 100%



TEC SB/1200 SPRING BALANCER



If the **TEC 6100** is being used for repetitive work over a work surface, or by female operators, then the **TEC SB/1200** Spring Balancer is an economic tool support system with easily adjustable tension control. It is capable of supporting tools up to 3 lbs in weight and has a maximum extended cord length of 5 ft. Designed to minimise operator fatigue, it also increases productivity and reduces the chance of accidental damage to the applicator.

HEAVY DUTY FREE STANDING METAL STAND (PART NO. PA3096)



This option is ideal if the gun is being used on a work surface where it is convenient to return it to its stand after use. It is also ideal where it might be necessary to remove its integral stand to gain easier access into restricted areas around components being assembled.

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



Please visit our website: www.poweradhesives.com