

TEC 7100 RANGE

.. the power to perform

POWER
ADHESIVES

DATA SHEET

Pneumatic, Speed-loading Hotmelt Applicator

The **TEC 7100** is one of a series of new generation pneumatic hotmelt applicators. Probably one of the world's highest-output hand-held hotmelt applicators, the **TEC 7100** is a serious alternative to bulk tank hotmelt systems at a fraction of the cost.

Built to a very high standard, the **TEC 7100** is totally self contained. The most unique feature on this tool is the built-in speed loader, which holds an extra two 1 $\frac{3}{4}$ " glue cartridges in reserve. Plus, it also enables the user to re-load in seconds whilst continuing to use the tool.

Due to the advanced heater housing design and the powerful dual 500 watt heaters, the **TEC 7100** is able to dispense up to 11lbs of molten hotmelt per hour.

Operating temperature is obtained in only 5 minutes from cold via one of the 500 watt cartridge heaters, then when the trigger is pulled for use, the second 500 watt heater comes into operation and enables the molten adhesive to be dispensed at a constant temperature.

Being solvent free and non-toxic there are no environmental problems that are often associated with other adhesive fixing systems, which is a huge advantage with new European Environmental standards being recognised.

The **TEC 7100** is supplied complete with an integral gun stand, suspension ring, full operating instructions, one-year guarantee.



The standard tool comes fitted with a 10ft cordset. If an extended cordset is required, then a specially adapted gun can be purchased, plus a 20ft or 40ft extension cordset that is purchased as an extra. Please see overleaf for further details.



ADVANCED FEATURES



Well ventilated, enclosed heater housing design with dual 500 watt heaters for consistent dispensing of molten adhesive.



Unique, built-in speed loader design holds an extra two 1 $\frac{3}{4}$ " adhesive cartridges in reserve, enabling constant adhesive bonding.



Loading takes just seconds; just retract the piston loader, and a 1 $\frac{3}{4}$ " adhesive cartridge drops into place.



Comfortable, smooth action trigger and integral stand, which can be screwed down on to work surface for extra security.

SPECIFICATION

VOLTAGE	110-120V. 50-60Hz
HEATER	2 x 500 watt stainless steel heater cartridges (total 1000 watts).
TEMP CONTROL	Pre-set thermostat 380°F & safety thermal fuse (420°F thermostat for polyamide glues and 260°F thermostat for lowmelt glues are available.)
WEIGHT	3 lbs
STANDARD POWER CABLE	10ft three core, rubber sheathed, with fitted plug + air hose, with heat and kink resistant sheathing.
MELT RATE	Up to 11 lbs/hr depending on adhesive & temperature
ADHESIVE	TECBOND 1¾" Cartridges

OPTIONAL NOZZLES

The **TEC 7100** 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 AIR COMPRESSOR

The **TEC-AIR 50TDC** compressor is a tough, portable unit, weighing 45 lbs. It can be used with the **TEC 7100** for small intermittent use or site work. It is rated at 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 7100**, are available to bond virtually any material.

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

EXTENSION CORDSETS

Extension cordsets are available in lengths of 20 ft or 40 ft. The specially adapted version of the **TEC 7100**, allows easy fitting of either size extension and is given reference **7100/13**.

The extension cordsets should be ordered separately, please ask for details on International versions.



OPTIONAL ACCESSORIES



TEC BMK & TEC TK Timer Control & Bench Mount Kit.

This bench mount kit converts your **TEC 7100** 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%. Used in conjunction with the bench mount kit, The **timer control** enables a controlled amount of adhesive to be

applied with each operation of the foot pedal. This improves quality, guarantees consistent bonding and reduces the amount of adhesive used.



TEC SB/1200 SPRING BALANCER

If the **TEC 7100** 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 METAL STAND (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, which can also be screwed down for increased security. 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.hotmelt.com