

Х			Х								osms
	Х	х				Х	х	Х	X	X	reheated Steel
	Х	Х		İ	Х		İ				splombna
Х	х	х				Х	Х	Х	Х		۸C
Х		Х			Х						s gnitto ncaesulating
Χ	X					X	Х	Х	X	X	olystyrene
Χ	Х										olypropylene
Χ	Х										olyethylene
Χ	Х					X	X	X	X		olycarbonate
Χ	Х	X	Х	Х	Х	Х		X	X		sboowflo
X	Х				Х		Х				C Board
Χ	Х	Х	Х	Х	Х	Х				Х	article Board
Χ	Х		Х	Х	Х	Х	Х	Х	Х	Х	aper
Χ	X	Х	Х		Х		Х	Х			uojÁ
	Х	Х	X		Х	Х		Х	X		ardwoods
Χ	Х	Х	Х		Х	Х		Х	Х		sather
Χ	Х	Х				Х	Х				perglass
	Х						Х				obber
	Х					X	Х	Х	X		eramic
Χ	Х					Х	Х	Х	Х		munimu
Х	Х					Х	Х				crylic
	Х	Х				Х	Х	Х	Х		SS
2030 LT	796	004	17 099	089	019	082	172	982	235	230	Formula

13. DO NOT APPLY oil base paint or stain to hot melt glue. 12. ONLY USE .45" diameter glue sticks in this glue gun.

when you are tired or under the influence of alcohol or any 11. STAY ALERT. Use common sense, do not use the glue gun

10. DO NOT EXPOSE glue gun to heat, oil, sharp objects or other After glue gun has air cooled to touch, store in dry area.

 UNPLUG THE GLUE GUN affer use and let cool before storage. away from surfaces. the retractable stand to keep hot nozzle and glue gun housing

8. DO NOT LAY the glue gun on its side when it is hot. Always use from electrical outlet or carry the glue gun by its cord.

DO NOT ABUSE the glue gun's power cord. Do not pull cord The glue gun is for use in dry, indoor areas only. DO NOT USE the electric glue gun in damp or wet locations.

be clean, dry and free of any flammable materials. Cluttered work areas invite injuries. Work environment should 5. KEEP WORK AREA CLEAN, organized and well lighted.

in a hot condition when unattended. 4. DO NOT LEAVE the glue gun plugged into an electrical outlet or

visitors out of the reach of operating glue gun and cord. 3. KEEP OUT OF REACH OF CHILDREN. Keep children and

Operațiing temperature of the nozzle and melted glue is 380°F 2. DO NOT TOUCH heated nozzle of the glue gun or melted glue.

proper safety glasses, goggles, or a face shield when operating tools. Use of electric tools can cause severe eye injury. Wear 1. ALWAYS WEAR SAFETY GLASSES when operating electric

PLEASE READ ALL THE SAFETY INSTRUCTIONS CAREFULLY AND reproductive harm. Wash hands after handling. known to the State of California to cause birth defects or other **WARNING:** The power cord on this product contains lead, a chemical

SAVE THIS OWNER'S MANUAL FOR FUTURE USE.

epock, burns and other personal injuries. precautions should always be followed to reduce the risk of fire, electric WARNING: When using this electric glue gun or any electric tool, basic

HD 350 SAFETY RULES

## HD 350 TEMPERATURE MODULE REPLACEMENT

Accurate temperature control is managed for your HD 350 Heavy Duty Glue Gun by a small sophisticated Temperature Control Circuit Board (item 21 on schematic). This TC Circuit Board uses a circuit that compares the resistance of a temperature-sensing device called a thermistor (item 11 on schematic). As temperature changes, this "input" resistance changes. It is electronically compared to a fixed resistor that is built into the Temperature Adjustment Module (item 22).

Unless you specified a different Temperature Control Module, then you were provided with a Module that controls temperature to approximately 380°F. Other Temperature Control Modules are available by special order from Adhesive Technologies, Inc. It is recommended that you get the specific advice of Adhesive Tech Customer Service if you plan on changing the Temperature Control Module.

If you have been so advised, the procedure to change the Temperature Control Module is as follows:

- 1. Unplug the HD 350 Glue Gun from its power source and let it
- cool for 10 minutes or . Removing module: Carefully remove the Temperature Control Module attachment screw with a small Phillips head screwdriver. Keep the screw for



reattachment. B. Gently, using the "ears" on the module, pry the module evenly from the receptacle on the left handle. Please observe that the module's connection prongs are small, delicate and must be protected from damage.

## . Installing Module:

Using extreme care, carefully align the two prongs on the replacement module and push gently into the receptacles. Do not force the module. If it does not go in easily, then it is not aligned properly.

. When the module is bottomed appropriately, reattach with the attachment screw. Your gun is now ready to use!

WARNING: Please use care when replacing modules that only the recommended glue formulation for that particular module is used. If care in not used in this regard, serious damage to your HD 350 can occur.

HD 350 SPECIFICATIONS AND SPECIAL FEATURES:

Your HD 350 Heavy Duty Glue Gun is designed to be a durable, easy to use and comfortable glue gun for everyday use for Industrial and DIY applications. It was designed using sophisticated CAD techniques that has resulted in a very attractive and, at the same time, a very functional unit. The HD 350 Heavy Duty Glue Gun boasts the following impressive specifications and features:

Electrical rating – 350 watts – 120 VAC, 50 or 60 hz Cord set – 8 foot grounded industrial cord set plugs into standard Ihousehold outlets

Temperature Setting/Adjustment – Solid-state electronic temperature control circuit board. Factory set at 380°F/193°C with removable Temperature Adjustment Module (available in several temperature range Actuation/Feeding – durable high leverage, four-finger manual triggering

Stick Diameter – use standard .45" diameter glue sticks Adhesive Output – approximately five pounds per hour Adhesive Output per Stroke – 1/2", approximately 2.5grams per squeeze Nozzle – durable, easy flow, excellent shut off, ball check nozzle machined from solid brass stock.

Gun Stands – two types of sturdy wire-form gun stands: front flip back type and removable; heavy wire base platform type.

## **IHD 350 OPERATING INSTRUCTIONS:**

1. Attach either one or both of the two provided wire stands to the HD 350 Heavy Duty Glue Gun housing as desired. Place the gun on a solid, level

2. Untile the power cord and plug into any standard 120-volt (household type) AC only outlet. The amber pilot light will glow when the gun is

Insert the appropriately recommended glue stick into the rear opening of the gun and allow approximately 3-5 minutes for the gun to heat up. Pull the trigger to advance the glue stick into the chamber until melted product flows from the nozzle. At this point, air is now evacuated from the melt chamber and you are ready to use the gun normally.

4. During use, if desired, the small flip stand can be pivoted out of the way or removed. The larger bottom stand is also removable.

5. Apply steady even pressure to the trigger for best results. When the gun is fully heated, the nozzle should control all but a very slight amount of glue dripping. Please note that some dripping is normal, especially during warm-up.

naing this product. Read and follow all Safety Rules and Operating Instructions before

Temperature Adjustments – temperature module replacement

Parts Schematic - replacement and accessory parts

Operating Instructions – Using your HD350

🕨 Warranty

Safety Rules

Part #

3837

3826\*

3829\*

3836

3838\*\*

3833\*\*

3834\*\*

Adhesive Information

Specifications and Features

This manual contains the following:

moo.doetech.com 3 Merrill Industrial Drive Tel: (800) 544-1021 Hampton, NH 03842-1995 Fax: (603) 926-1780

Part #

1800

1801

1802

1803

1804

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1831

HD350-S

HD350-L

the State of California to cause birth defects or other reproductive harm. Wash **WARNING:** The power cord on this product contains lead, a chemical known to

duration to one year from date of purchase. or fitness for a particular purpose on this product is limited in warranty on this product. Any implied warranty of merchantability consequential damages for breach of any express or implied Technologies, Inc. shall not be liable for any incidental or this warranty is the exclusive remedy of the consumer. Adhesive with proof of purchase. Repair or replacement as provided under pre-paid, to Adhesive Technologies, Inc., at the address below, return your product, provided it is delivered, transportation charges period, we will repair it or elect to replace it free of charge. We will or misuse. If the product becomes defective within the warranty This warranty does not cover any damage resulting from accident on package, beginning from the date of original retail purchase. workmanship and material for one year, unless otherwise noted This product is warranted to be free of manufacturer's defects in YTNAAAAW QƏTIMIJ

nuò sulo HD 320

**JAUNAM OMNEB**<sub>1</sub>S

HD 350 ACCESSORY NOZZLES AND NOZZLE ADAPTERS

.080" orifice Fluted Nozzle Cap (only)

1.5" long Extension Nozzle Cap (only)

T Type Nozzle Tip for RSC Cartons

T Type 3 hole Spreader Nozzle Cap

T Type 1" Slotted Spreader Nozzle

L Type Nozzle Tip for FOL Cartons

7/16 - 20 Male THD to 3/8 - 16 Male THD Nozzle

\* These nozzles must be used with Nozzle Adapter #3837

\*\* These nozzles must be used with Nozzle Adapter #3836

7/16 - 20 Male THD to 9/16 - 24 Male THD Nozzle

SPECIALTY NOZZLES:

Description

Adapter Assembly

Adapter Assembly

HD350 APPLICATOR REPAIR/REPLACEMENT PARTS Description Handle, left Handle, right Casting, melt Insulator, front Nozzle Assembly with O ring O ring, melt casting to sleeve Sleeve, Teflon Spring, fastening for Teflon sleeve Sleeve, silicone drag Spring, fastening for silicone sleeve Γhermistor assembly Thermal fuse Pin, trigger Trigger assembly Heater assembly Pin, feed mechanism lever Feed mechanism assembly Clamp, cord Clamp, Temperature Adjustment Module Board Board, Temperature Adjustment Module Board, Temperature Control Circuit Module, temperature adjustment Grip, rear handle Wire nut Relief, cord set strain Pilot light assembly Cord set, 18-3 SVT Screw, gun/cord clamp assembly Stand, small (not shown)

Stand, large (not shown)

Part # **Temperature Modules** 300°F/149°C 1827 350°F /177°C 1828 1829 380°F /193°C 410°F /210°C 1830

NOTE: Print front and back, fold into quarters, trim top and staple edge to make 8 page booklet.