



ENGRAVING TOOL

USER MANUAL

[Revision 2.0 September 2015]

RETAIN THIS MANUAL FOR FUTURE REFERENCE

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE

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SAFETY SIGNS



Before use, read this manual carefully.



Hearing, sight and respiratory protective gears must be worn.



Wear safety gloves.



Waste electrical and electronic equipment (WEEE), should not be disposed of with household waste. Please recycle where facilities exist. Check with your local council for recycling advice.



Danger; always be aware of your surroundings and be careful when handling the tool.



Dangerous voltage; risk of electric shock.



Class II Tools.

GENERAL APPLIANCE SAFETY WARNINGS



WARNING! Read all safety warning and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and /or serious injury.

WORK AREA SAFETY

1. Keep work area clean and well lit. Cluttered and dark areas increase risk of accidents.
2. Do not operate tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust fumes.
3. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of shock.
2. Avoid body contact with earthed or grounded surfaces, such as pipes, radiator, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
3. Do not expose power tools to rain or wet conditions. Water entering the power tool will increase the risk of electric shock.
4. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
5. When using a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

PERSONAL SAFETY

1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of distraction while operating power tools may result in serious injury.
2. Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will increase safety measures.
3. Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying power tools with your fingers on the switch or plugging in power tools that have the switch on invites accidents.
4. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of a power tool may result in personal injury.
5. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
6. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can get caught in moving parts.

POWER TOOL USE AND CARE

1. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it is designed.
2. Do not use the power tool if the ON/OFF switch is inoperable. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
3. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventative safety measures reduce the risk of starting power tools unintentionally.
4. Store idle power tools out of reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
5. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and easier to control.
7. Use the power tool, tool bits and accessories in accordance with the provided instructions and in the manner intended for the power tool. Using the power tool for operations other than the intended use may result in a hazardous situation.

ADDITIONAL SAFETY RULES FOR THE ELECTRIC ENGRAVER

- Always wear eye, ear and breathing protection
- Do not apply too much pressure when engraving



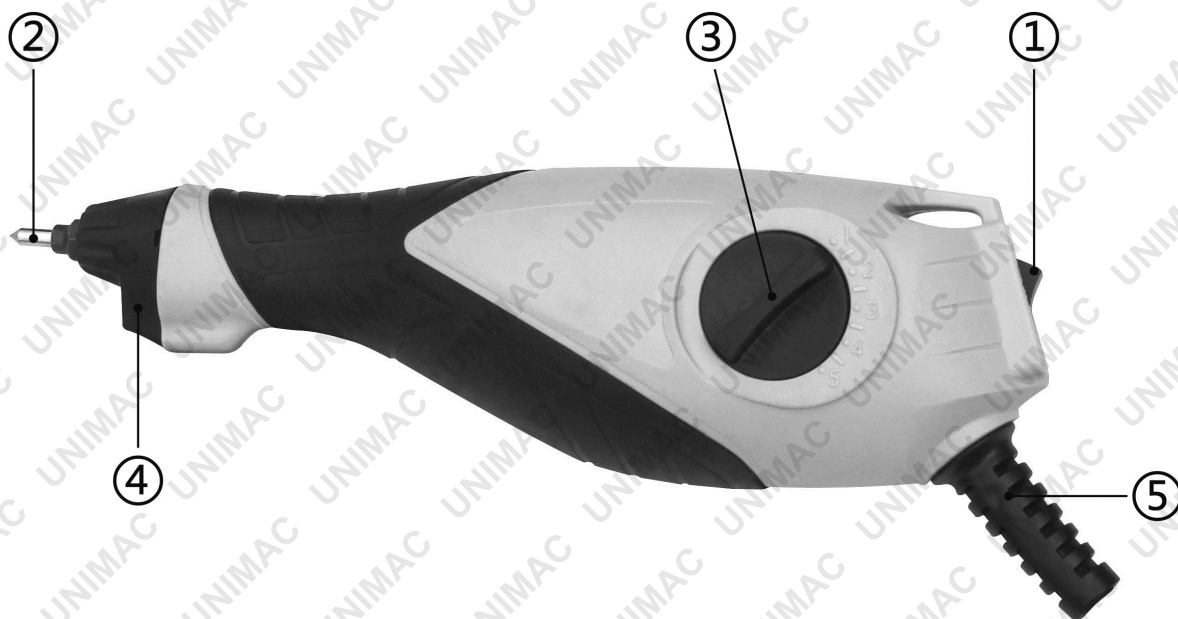
WARNING! The use of an accessory or attachment, other than those recommended in this Instruction Manual, may present a risk of personal injury. To use this tool properly, you must observe the safety regulations, the assembly instructions and the operating instructions to be found in this Manual. All persons who use and service the machine have to be acquainted with this Manual and must be informed about its potential hazards. Children and infirmed people must not use this tool. Children should be supervised at all times if they are in the area in which the tool is being used. It is also imperative that you observe the accident prevention regulations in force in your area.

The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes.

Even when the tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

- Damage to the lungs if an effective dust mask is not worn.
- Damage to hearing if effective earmuffs are not worn.
- Damage to eyes if effective goggles are not worn.
- Risk of injury unless hands are kept well clear of cutting devices.

LAYOUT DIAGRAM



NO.	DESCRIPTION
1	ON/OFF Switch
2	Engraving Tip
3	Stroke Adjustment Dial
4	Release Screw
5	Power Cord

INSTALLING AN ENGRAVER TIP



WARNING! Disconnect the engraver from the power supply before making any adjustments or maintenance procedures.

Loosen the release screw (4) by turning it anticlockwise with a flat head screwdriver.

Insert the tip (2) through the centre of the cavity, ensuring the tip fully enters the housing. A new tip should protrude from the end of the housing by approximately 8.5mm.

Tighten the tip release screw (4) fully by rotating in a clockwise direction.

OPERATION



WARNING! Always wear safety glasses when using this tool.

The engraver can be used to permanently mark metal, glass, plastic, wood, ceramics and much more.

ENGRAVING TOOL

Before using the engraver you must ensure there is an engraving tip installed.

Connect the engraver plug to the power supply. While holding the engraver firmly, push up on the on/off switch (1) with your thumb.

NOTE:

To turn the tool on, press the small ON/OFF Switch (1) upwards to the (I) position. To turn the tool off, push the ON/OFF Switch (1) down to the (O) position.

Hold the engraver at an angle, like you would hold a pen. Do not press down hard while engraving, use light pressure while guiding the point over the work to be completed.

ADJUSTING THE DEPTH OF ENGRAVING

The stroke adjustment dial (3) located on the side of the engraver controls the stroke length and therefore the depth of engraving.

For a fine mark turn the stroke adjustment dial anti-clockwise to position '1'.

For a deeper, thicker mark turn the stroke adjustment dial (3) clockwise to position '5'.

NOTE: It is recommended that you practice on scrap material before you start.

MAINTENANCE



WARNING! Always ensure that the tool is switched off and the plug is removed from the power point before making any adjustments or maintenance procedures.

Use a soft brush to remove any accumulated dust. Wear safety glasses to protect your eyes whilst cleaning.

If the body of the tool needs cleaning, wipe it with a soft damp cloth. A mild detergent can be used but never alcohol, petrol or other harsh cleaning agents.

Never use caustic agents to clean plastic parts.

CAUTION: Water must never come into contact with the tool.

GENERAL INSPECTION

Regularly check that all the fixing screws are tight. They may vibrate loose over time.



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

