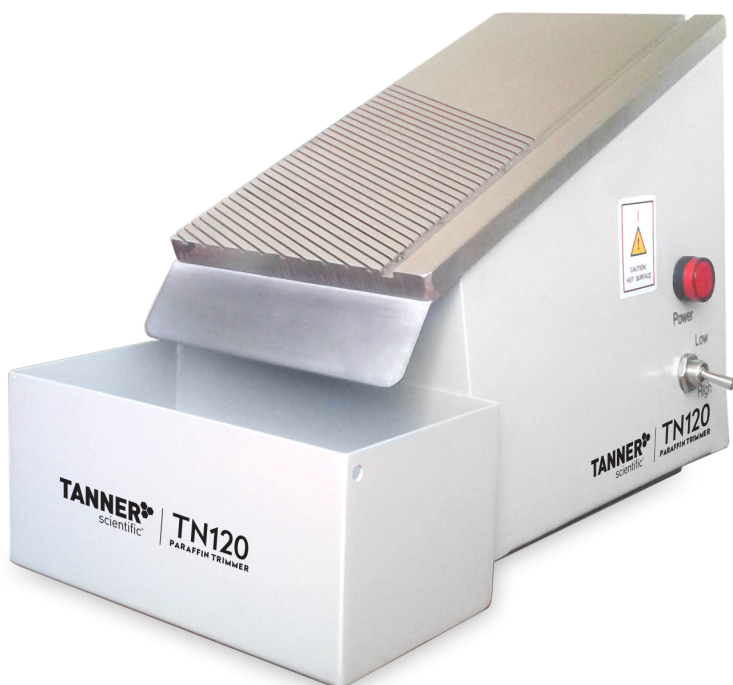


# TN120

## PARAFFIN TRIMMER

### User Manual



**TANNER**  
scientific®

Before using this instrument, please read this manual and learn about all the available features to obtain the best results from your wax trimmer.

# Application

The TN120 Paraffin Trimmer is designed for removing excess paraffin from tissue / embedding / biopsy / mega cassettes. The sole purpose of this wax trimmer is for histology use along with medical, research and instructional use. The wax trimmer is not recommended for any other uses than the ones described in this user manual.

# Features

The grooved heated surface channels melted wax to a removable collection tray. The collection tray stays in place at the base of the unit by magnetic contact. Disposable plastic liners are included to insert inside the collection tray for easy disposal of the runoff wax. (Additional plastic liners are available separately.)

# Assembly Instructions

1. Remove wax trimmer from packaging and place it on a stable worktable. We recommend you retain the carton and packaging.
2. The wax trimmer comes with a detachable AC power cord. Connect cord to the back of the unit and then connect to power supply and your Tanner Scientific® Paraffin Trimmer is ready for use.
3. Attach the magnetic paraffin collection tray and insert a plastic collection insert on the inside of the collection tray. You will find the brim of the plastic liner can be folded down along the side of the tray that sets against the unit. The magnet will hold the collection tray in place even with this brim of the plastic liner against the unit (see photo).

# Operation

1. After making sure that the wax trimmer is plugged in, turn on the machine with the switch in the back. The Power indicator light on the side should light up to indicate the machine is working.
2. On the side of the machine there are two heat settings: low is approximately 95°C and high is approximately 115°C. Use the appropriate setting for your specific needs.
3. The wax trimmer should be ready to use after about 10 min of warming up. HAZARD – The heat surface will be hot. Do not allow

anything other than a cassette to come in contact with the heat surface to avoid damage or injury. In case of injury, please consult your first aid kit regarding treatment for burns. Keep loose sleeves and other clothing or dangling jewelry away from the wax trimmer heated surface.

4. Make sure the cassette(s) are flat and pull the cassettes in a downward direction against the grain of the surface. This should remove the paraffin on that side of the cassette(s).
5. Repeat step 4 on all sides of your cassette(s) or until all unwanted paraffin is removed.

## Maintenance

1. Always unplug wax trimmer before moving or cleaning. HAZARD – Having water or any other liquid near or in contact with power supply may cause electrical shock.
2. Empty the collection tray after daily use. After unit has cooled clean with a lint-free type of towel and sponge when necessary. Avoid using any type of instrument/tool/chemical/water that can scratch or damaged the surface.
3. The wax trimmer comes with several plastic collection liner inserts. They are used to safely and efficiently collect the paraffin and discard the paraffin. More plastic collection liners may be purchased from an authorized Tanner Scientific® dealer.
4. If the wax trimmer is not working, please make sure the unit is plugged in. If it is still not working, replace the fuse in the back of the unit. (Fuse compartment directly under the power cord socket.)



## Warning:

- To prevent fire or shock hazard, do not expose this unit to rain or moisture.
- Do not turn on or heat the unit with anything other than a cassette(s) on the heating surface.
- This equipment should be used with AC 110V, 60Hz in the USA or Canada.
- Consult paraffin manufacture for the proper procedure for discarding paraffin.
- Always allow paraffin to cool before removing from the collection tray. Discarding molten or hot paraffin could cause a fire.

**No user-serviceable parts inside. Refer servicing to qualified service personnel.**

The manufacturer warrants this instrument to be free from defects in material and workmanship under normal use for one year from the date of purchase. It does not cover damage resulting from abuse or misuse, repairs or alterations performed by other than authorized repair technicians, or damage occurring in transit. If you have questions concerning this product or warranty, contact the dealer from whom it was purchased. For warranty service, Wax Trimmer should be well packed to avoid damage in transit, preferably in original box and packing. Include your complete return address and telephone number as well as a description of the difficulty, date and place of purchase, and ship to the address below. It will be repaired or replaced at no charge and returned. If misuse, alterations, accident or abnormal conditions of operation caused failure, an estimate for repairs or replacement will be provided for your approval prior to work being performed.

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Manassas, VA 20109  
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Purchase date: \_\_\_\_\_

Dealer: \_\_\_\_\_