

# FOR QUICK, EASY THERMAL STRIPPING, INSIST ON SOFT-STRIP

## A. Handle Assembly

Battery or AC adapter-operated, 4 ft. wire leads are connected to either a 6V battery or AC adapter.

## B. Cutter Blade Set

Selected for each ribbon or fiber size. Opposing blades self align around fiber guide to assure concentric scoring and precision-stripped, nick free fiber. Blades travel in a straight line to assure proper alignment. Color coded to match fiber guide lock.

## C. Fiber Guide Lock

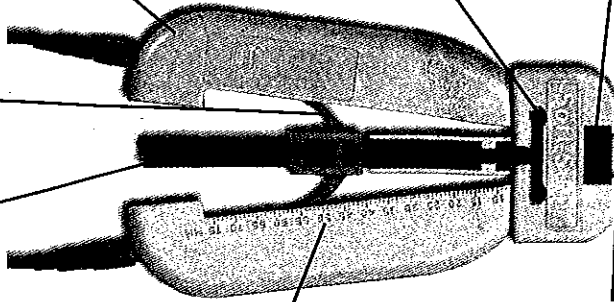
Holds fiber guide securely in position. Color-coded to match blade set.

## H. Spring Assembly

Keeps handles apart. In later models, also ejects scrap from heater oven.

## G. Heater Oven

Heats and softens material to be stripped. Activated when handles are closed. Accommodates 1", 2" or 3" maximum strip length.



## D. Stripping Force

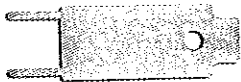
This is applied longitudinally with the fiber. The chance of harmful drag of fiber against the blade is eliminated, even with operator inattention or fatigue.

## F. Strip Length Guide

Calibrated in 1/16" for strip lengths to 3" (1" or 2" is standard).

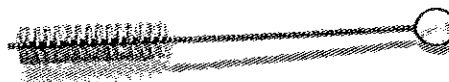
## E. Fiber Guide

Selected for each nominal diameter of unstripped fiber, wire, or ribbon. Wrong size will not fit, assuring that the fiber is properly stripped, and not nicked or damaged.



## I. Component Removal and Insertion Tool

(Supplied with handle) makes installation and removal of cutter blade sets and fiber locks quick and easy.



## J. Blade Cleaning Brush

(Supplied with handle) effectively clears small pieces of residue from the tool.



## GETTING CHARGED ...

**ALL AC/6V Thermal Stripping units can be powered by either a 6 Volt battery pack (shown here with case) or by a 110 Volt AC adapter (European adapters available). See the Accessories page for details.**

# SOFT-STRIP STRIPPING PROCEDURE

## Proper Tool Selection

Strip outer jacket (if any) using the Soft-Strip non-thermal tool. Install and connect battery(s), or install and connect AC adapter. Install proper cutter blade set, fiber guide and fiber guide lock.

## Stripping Procedures

### Heater Oven

Unit is activated when handles are closed. Close handles only when stripping. Check heater operation by closing handles firmly for no longer than ten seconds. Nose end of heater should be warm to the touch.

After stripping operation, remove heater oven from tool and clean with the brush provided (spring assembly in later models include automatic scrap ejector). Reinsert, making sure that heater oven is pushed completely forward toward the blade area and snaps into place. The 2" heater oven area should be visible at front of tool so operator can monitor positioning and preheating of coating.

### Procedure

1. Insert fiber through fiber guide and into heater oven to desired length. Be sure buffered fiber is flat in the oven channel. Always allow at least 1/8" gap from fiber tip to end of oven channel. Otherwise, heater oven movement will cause fiber to buckle up and out of the heating zone.
2. Close handles completely. Blades are precisely aligned for concentric scoring without cladding, core, or conductor damage. Heater oven is automatically activated to start the softening process.
3. Keep handles closed (for AA unit 10-20 seconds and for 6V or AC adapter 4-8 seconds) for optimum softening. Then, begin to pull the fiber, slowly increasing pull force until coating releases from the fiber. Remove the fiber from the tool with a smooth, even motion.

**Caution:** Heater unit heats continuously when handles are closed. Do not hold handles closed for longer than 20 seconds for AA battery units, 10 seconds for 6V battery/AC adapter units, or overheating can damage the tool. Do not touch heater oven while in operation. Allow oven to cool before removal and cleaning.

## Cutter Blade Replacement

### To remove installed blades:

1. Using flat end of push tool, remove fiber guide lock by pushing out from the back side of tool head.
2. Remove fiber guide from tool.
3. Using prong end of push tool in small holes on back side of tool head, eject blade set.

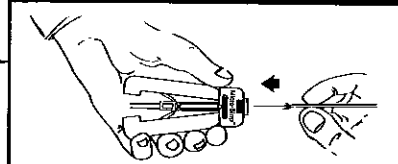
**IMPORTANT!** Do not remove cutter blades while fiber guide is still in tool.

### To install new blades:

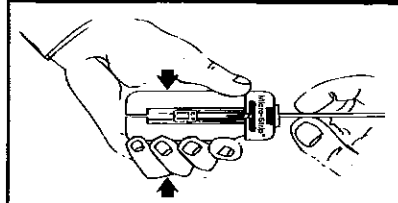
(Furnished in a matched set for blade precision. Snap apart before installation.)

1. Install with "ears" pointing toward top of tool and recess marks visible. Push firmly with flat end of push tool until both blades are seated.
2. Insert fiber guide through hole in top of tool until it stops.
3. Insert fiber guide lock through slot in front of tool head.

1. Insert correct fiber/wire through guide and into support channel to desired strip length.



2. Close handles. Blade sets cut almost through the insulation without ever touching the fiber/wire.



3. With handles closed, pull fiber/wire from tool. Always a precision strip length. Fiber/wire is never nicked or damaged.

