

ILSintech All-In-One Fiber Preparation Module

TFS-MPS

Strips, Cleans & Cleaves

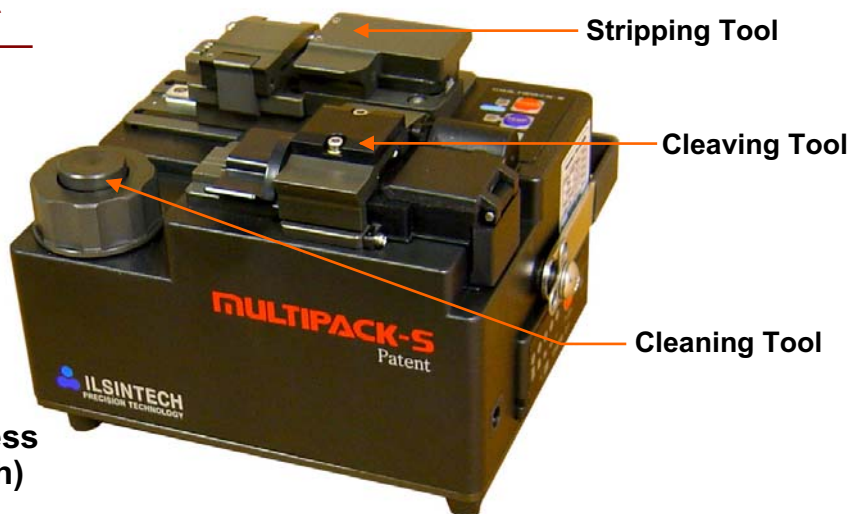
ALL-IN-ONE

CONVENIENCE -
(THREE Tools - ONE Platform)

PRECISION -
Reduce Operator Errors

QUALITY -
Improve Fusion Splicing Process
(Lowest Loss, Highest Strength)

AFFORDABILITY -
Save Money & Time



- ▶ Easy maintenance of separate preparation tools
- ▶ Best average cleave angle $90^\circ \pm 0.5^\circ$
- ▶ Fiber holder system (single: 250-900, ribbon: 2-12 count)
- ▶ Cleaves & collects fiber in "One Single Action"
- ▶ Compatible with today's popular fusion splicers
- ▶ Uses patented oil damper system; see page 3
- ▶ Consistent fiber coating removal with automated fiber stripper carriage
- ▶ "Built in" cleaning solution chamber
- ▶ "Skill free" Operation; no training required

**INCLUDES
DURABLE
CARRYING CASE**



Application:

The TFS-MPS (MultiPack-Single) is a fiber preparation tool that integrates stripping, cleaning & cleaving of single (250 μ m & 900 μ m) and ribbon fiber (2-12 counts). The MultiPack-Single features enhanced quality to prevent cracks and fiber strength degradation and is compact and lightweight with slot-in type battery operation.

Ordering Information:

TFS-MPS

ILSintech All-In-One Fiber Preparation Module

Call for Pricing

150 Cooper Rd. (F-15)
W. Berlin, NJ 08091

www.tagcords.com

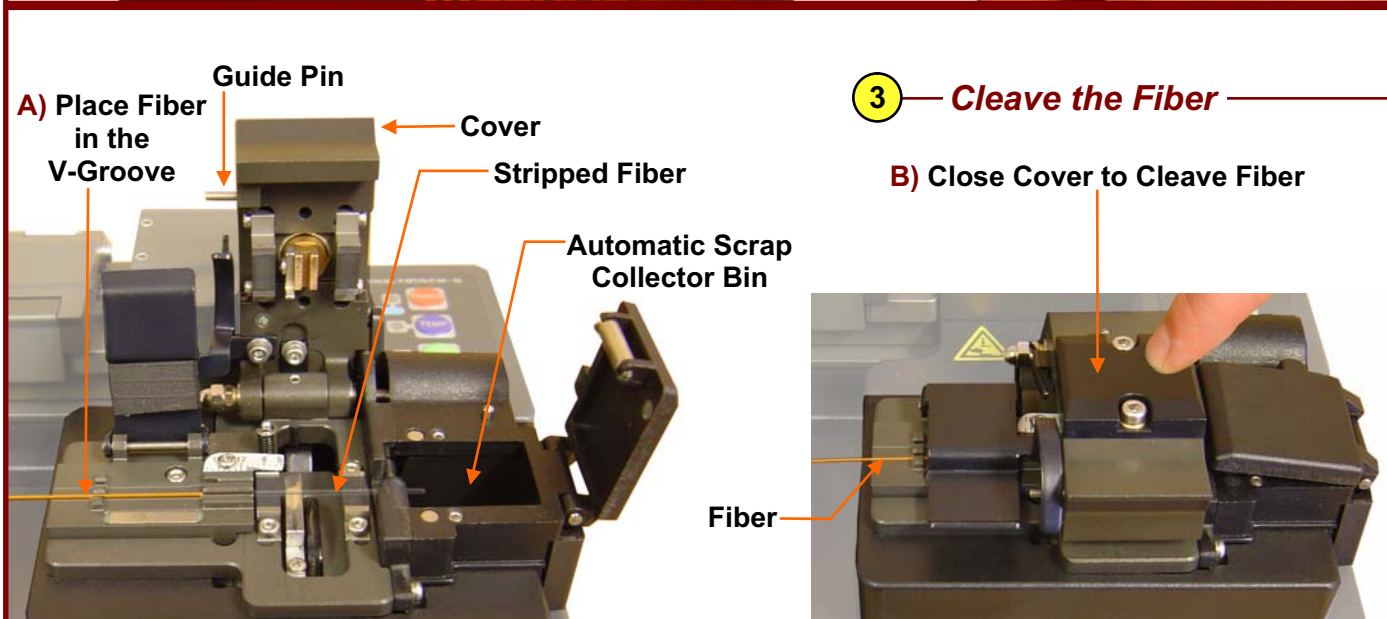
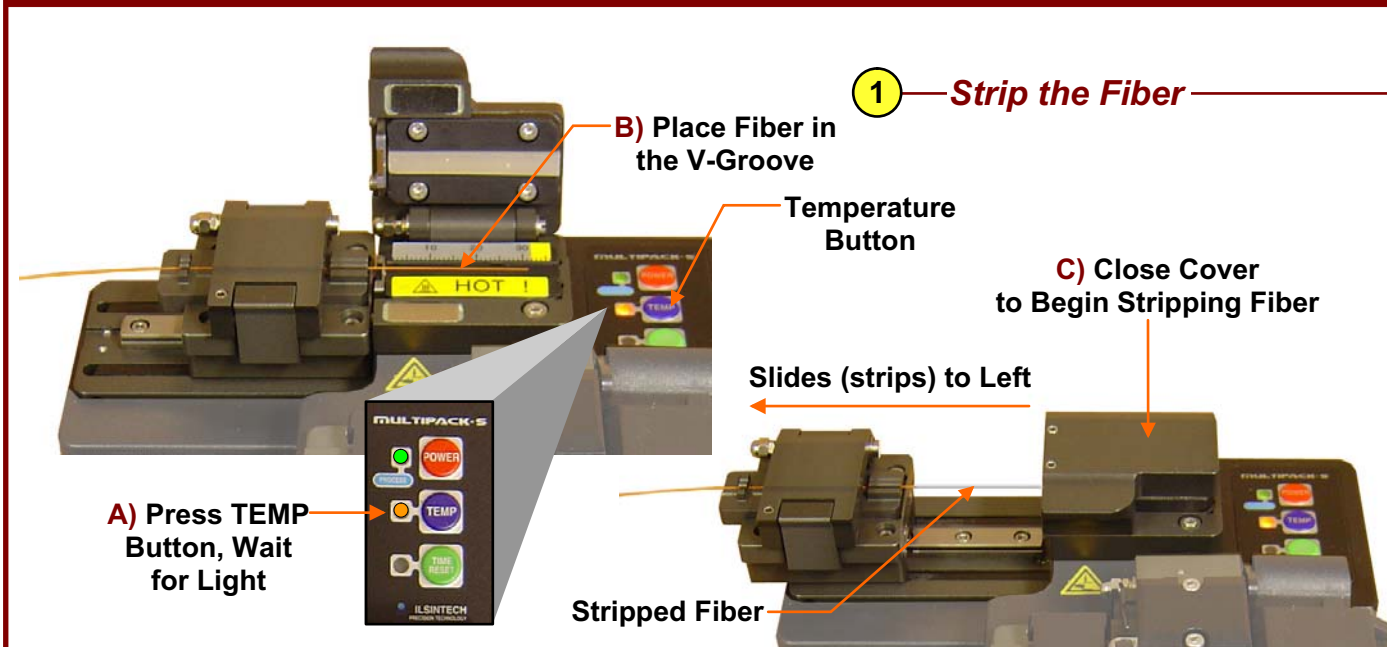
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Telecom Assistance Group

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Application:

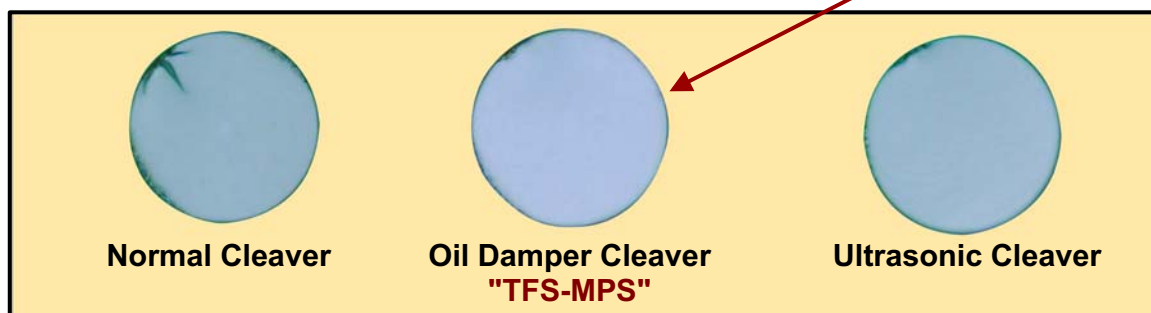
The TFS-MPS (Multipack-Single) integrates the ILSintech model CI-03B single action "one step" precision fiber cleaver that utilizes the newly developed patented Oil Damper System. The Oil Damper System was developed in order to overcome current normal cleaver cleaving quality deterioration problems.

The Oil Damper System cleaves fiber at a steady speed without any stress to the fiber. The OIL Damper single action cleaver also has a new clamping system to prevent vibration shock to the fiber during the cleaving.

The Oil Damper Cleaver dramatically improves the quality of the cleaved end face, eliminates core cracking, leaves an accurate cleave angle, and extends the life span of blade. Making the ILSintech Cleavers nearly equivalent to an Ultrasonic cleaver.



Cleaved End Face Comparison



Key Features:

- Finest quality of cleaved end face
- No crack in fiber core
- Increase of blade life span
- Single action cleaving mechanism

Technical Parameters & Specifications

	single ~ 12 count fiber
Fiber Diameter	125/250, 125/900 μ m
Coating Diameter	250 ~ 900 μ m
Cleave Angle	90° \pm 0.5°
Cleave Length	10mm ~ 20mm
Blade Lifetime	48,000 fiber cuts
Outfit Dimension	160 x 120 x 110mm
Weight	2.6 lbs. / 3.2 lbs. w/ battery



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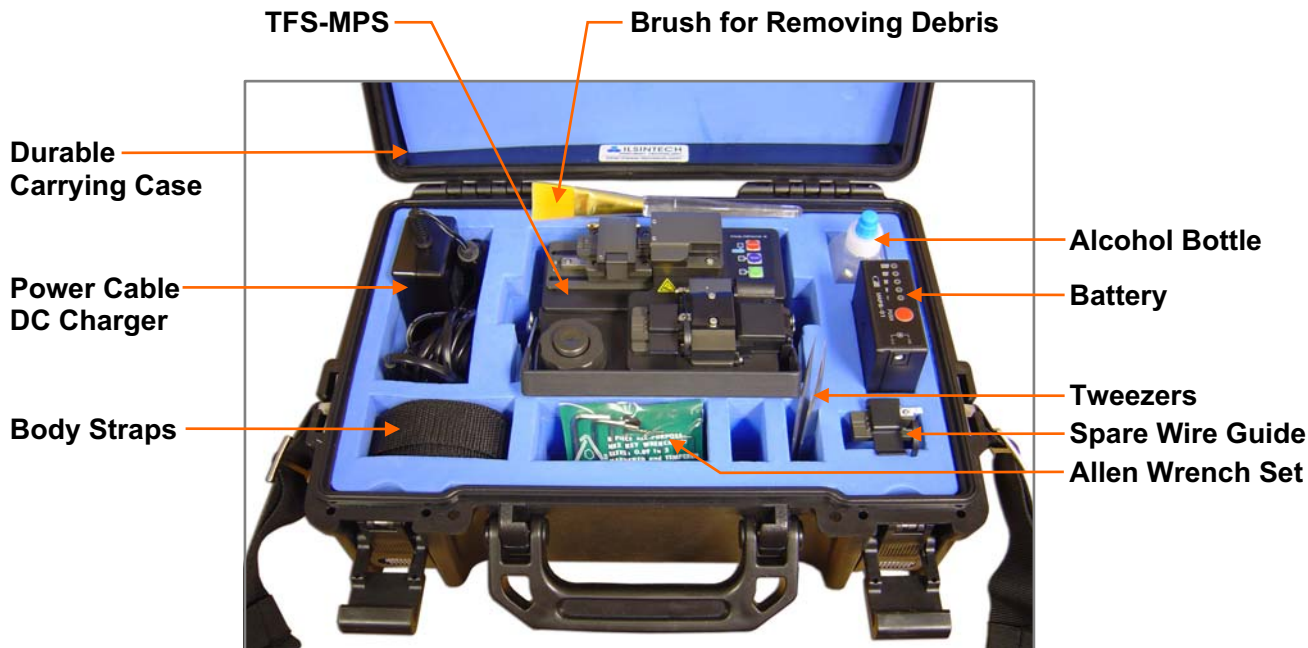


fig. 1 - Side View of Unit

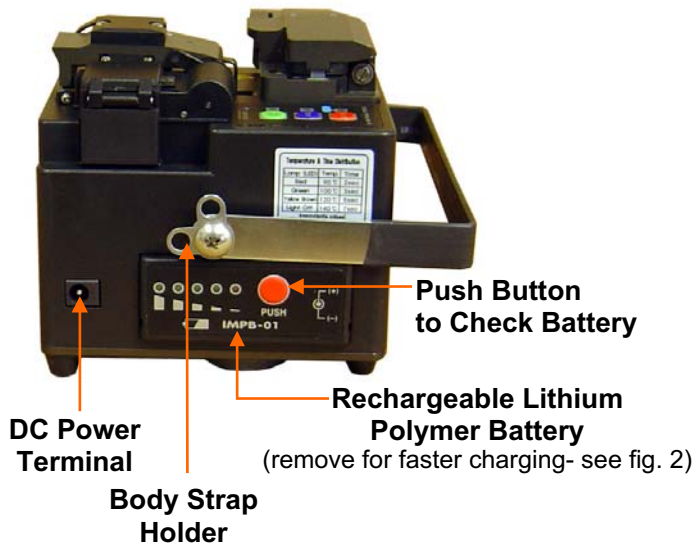


fig. 2 - Bottom View of Unit



fig. 3 - Charging the Battery



Removing & Charging the Battery:

- 1)** Turn the Dial on the bottom of the unit to the "unlock" position.
- 2)** Switch to the "unconnected" position & the battery will slide out.
- 3)** Attach DC Charger & plug into an AC outlet; approx. charge time is 4 hours for a full charge. When charging battery in unit, allow 6 hrs.
Note: Always use correct charger & cable.

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