

FIBER WINDER

SPECIFICATIONS:

- MATERIAL: Erbium doped Glass fiber, metal wire, plastic tubing or ?
- DIMENSIONS: 35" wide, 18" deep, 12" high (spools add up to 7").
- WEIGHT: 65 pounds.
- SPEED: Linear process speed up to 120 feet/min.
- TARGET SIZE: Up to 7.5" diameter & up to .5" high.
- SUPPLY SIZE: Spool diameters up to 5" high and 12" diameter.
- FIBER TENSION: Adjustable from 2 to 25 ounces manually.
- FIBER GUIDE: .5" travel with .0005" minimum step linked to the rotation of the target.
- CONTROL LENGTH: +/- .01 meter (1 cm) with setting up to 100 meters total. Readout to .01 meter. Can be made to use inches or other measure instead of meters.
- POWER: 120 VAC/1P/15 service (6 amps full load).
- COMPLIANCE: Built to NFPA-79 and CE standards.



FEATURES:

- Lighted alphanumeric operator display with push-button data entry.
- Machine operation parameters set through the operator interface.
- Uses any size supply spool up to the maximum limit by changing the spool mandrel.
- Accepts any target reel, bobbin, etc. up to the maximum limit by changing the spindle.
- Supply spool and target reel turn CCW so the fiber flow path is close to the operator.
- Fiber is guided up/down as the target reel turns for a precise wrap.
- The fiber is pinched between spring-loaded rubber rollers to keep it from unraveling from the supply spool when cut.
- Fiber tension is adjusted by turning a knob on machine top plate. Position can be locked.
- Easy access to internal components through flip-top front panel and top plate.
- Convertible to a standup configuration (like an R-R tape recorder) to reduce table space.
- Revised configurations and specs can be accommodated per customer requirements.
- The operator can make all common setup adjustments.
- Full and complete operator manual includes parts list and electrical schematic.