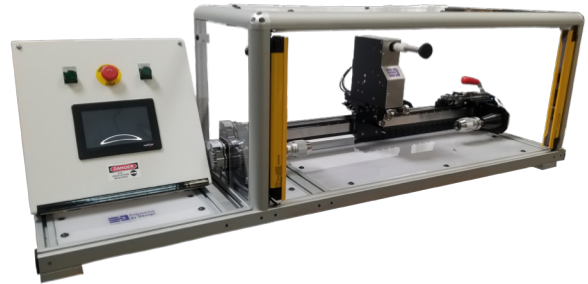


996 Benchtop Coil Winder

Engineered with precision and versatility, the EBD 996 Benchtop Coil Winder empowers R&D engineers with exceptional control and accuracy for proof-of-concept and small-scale production. Intuitive programming streamlines testing new coil winding patterns, evaluating wind pitch tightness, or examining filament tension. From catheters and pacemakers to emerging medical devices, the EBD Benchtop Coil Winder provides an economical model without sacrificing quality.



KEY FEATURES

- Winds loose (variable or fixed pitch) coils on a spinning mandrel.
- Right chuck position can be adjusted to get variable mandrel lengths.
- Mandrel length is part of the recipe setting and travel is limited accordingly.
- Up to 25 process recipes can be stored with up to 20 steps each
- Displays of parameter set points and actual values.
- Filament slack control that maintains tension at all wind speeds.
- Brushless servo drives on the traverse and both ends of the mandrel (no back shaft).
- Alphanumeric color touchscreen display for program entry and status displays.
- Enclosed winding area with safety light curtains
- DIN 80 and UFW filament Spool size capable
- Optional Chucks: .125" & .250" diameter 3 Jaw, ER11 Collet

SPECIFICATIONS

- **Spool Size:** DIN 100 Maximum
- **Input Power:** 120 VAC, single phase with ground, 50/60 Hz.
- **Weight:** 140 pounds.
- **Dimensions:** 16" wide X 60" long X 20" tall.
- **Mandrel Size:** .25" diameter Max
- **Mandrel Stretch:** Accommodates up to 1" Max
- **Travel:** Adjustable zero to 25" (50.8 cm) with suitable winding accessories – (Standard)
- **Filament Size:** .001" to .015" round solid or tube, or ribbon, metal or plastic
- **Wind Speed:** Up to 50 RPS and 3.9 in/sec Traverse Speed
- **Filament Tension:** Adjustable ranges from 5g to 75g max
- **Mandrel Tension:** Manual Lever Actuated, Screw Adjust
- **Mandrel Length:** Adjustable from 15 to 66 centimeters (6" to 26")
- **Compliance:** Built to CE and NFPA 79 standards