

## Micro Coil Winder



### SPECIFICATIONS:

- INPUT POWER: 100-250 VAC, single phase, 50/60 Hz. user selectable
- WEIGHT: 400 pounds
- DIMENSIONS: L x W x H = 60" x 30" x 45"
- MANDREL SIZE: .001 to .188 inch diameter (24 inch usable wind length)
- FILAMENT SIZE: .001 to .025 inch round or ribbon, SST, platinum, nitinol, etc.
- WIND SPEED: Up to 3,600 mandrel RPM
- FILAMENT TENSION: Programmable 0 to 60 grams (Higher tensions optional)
- MANDREL TENSION: 75 to 4,550 grams pneumatic control (Optional servo control available)
- ANGLE CONTROL: Minus 5° to plus 15° (Optional for tight pitch winds)
- COMPLIANCE: Built to CE and NFPA 79 standards

### FEATURES:

- Winds stacked (tight pitch) or loose (variable or fixed pitch) coils on a spinning mandrel
- Programmable speed, tension and pitch or optional angle settings
- Variable pitch entry menu allows up to 5 repeating combinations of any pitch and length
- Digital readout of parameter set points and actual values
- Filament slack control that maintains tension at all wind speeds
- Brushless servo drive motors on traverse and both ends of mandrel (no back shaft)
- Alpha numeric display with keypad for program entry (optional color touchscreen shown)
- Optional wind area enclosure shown
- Optional angle sense module for consistent tight-pitch winds shown

