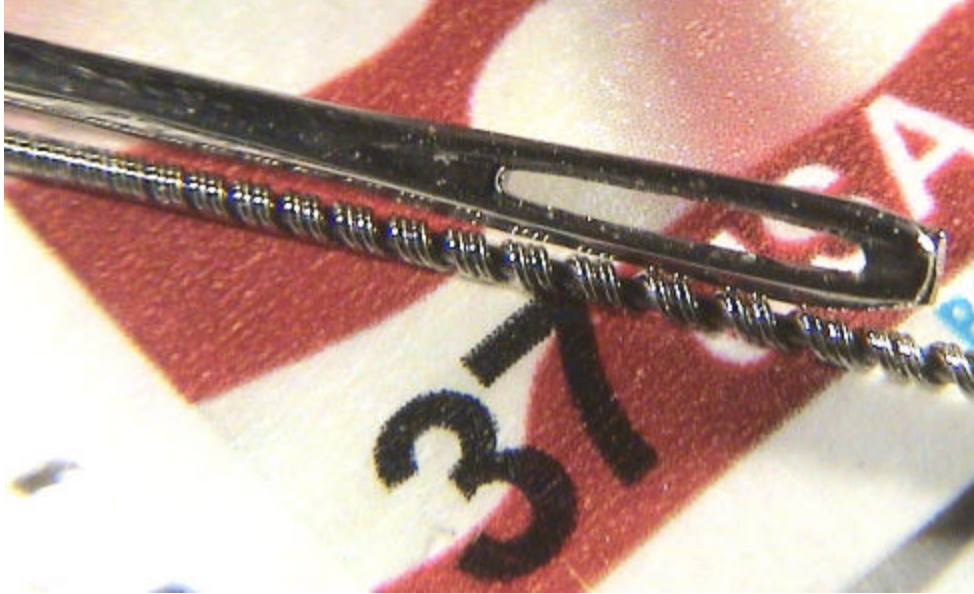


MULTI-FILAR COIL WINDER WITH VISION



Variable-pitch Multi-Filar Micro coil next to a sewing needle on a postage stamp

SPECIFICATIONS:

- INPUT POWER: 208-240 VAC, single phase, 50/60 Hz. Full load 16A, 20A service.
- WEIGHT: 1,100 pounds.
- DIMENSIONS: L x W x H = 100" x 28" x 59"
- MANDREL SIZE: .001 to .188" diameter, adjustable from 24" to 79" long.
- FILAMENT SIZE: .0004" to .025" round, solid, tube, or ribbon, metal or plastic.
- WIND SPEED: Up to 6,000 mandrel RPM (higher speeds optional).
- FILAMENT TENSION: 0 to 80 grams with +/- 0.1 gram resolution.
- MANDREL TENSION: 75 to 4,000 grams with +/- 2 gram resolution.
- SINGLE FILAR ANGLE CONTROL: +10/-30 degrees with a +/- 0.02 degree resolution.
- 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 angle settings.
- Variable pitch entry menu allows multiple repeating combinations of any pitch, direction and length.
- Digital readout of parameter set points and actual values.
- Records of mean & STD deviation of all measured variables on each wind.
- Filament slack control that maintains tension at all wind speeds.
- Brushless servo drives on traverse and both ends of mandrel (no back shaft).
- Alphanumeric color touchscreen display for program entry and status displays.
- Ethernet communication for factory integration and remote communication capability.

