



Tensioning Devices



Flexible Tensioning

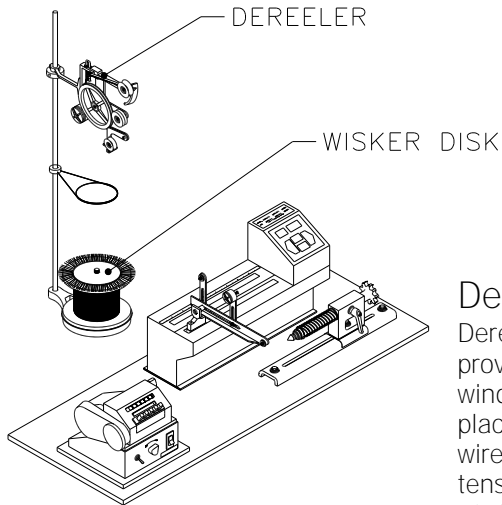
High Performance in Dereeling and Tensioning

- Prevents Waterfall effects and tangling
- Maintains constant tension
- Long life components

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Dereelers/Tensioners

Dereelers (tensioners) are used to provide tension on the wire during the winding process. A spool of wire is placed on the base of dereeler and the wire feeds through a series of spring tensioning rings and pulleys. A variety of dereelers are available according to the range of wire size and spool diameter.

Model 3000 Series Tensioners

The Series 3000 are high performance tensioning devices. Tension is continuously displayed in grams during the winding process. A self compensating braking system maintains current tension. Low inertia assures uniform tension during rapid starts and stops. Its compact design allows for close spacing in multiple winding setups. Each tensioner comes with a head (shown) along with a mounting stand for 6" diameter wire spools.



Model # 4C3000-P6
(AWG 16 to 32)

Model # 30-350G-P6
(AWG 31 to 44)

Model # 30-40G-P6
(AWG 40 to 47)

Model # 30-700G-P6
(AWG 28 to 40)

Model 3535 Ultrafine Tensioner

A totally new approach to fine wire tension control, handling wire sizes from AWG #45 through #56. The Model 3535 is designed for today's modern high speed winding requirements. Automatically compensating for continuous wire speed changes, it permits winding speed acceleration and rapid stops. Perfect wire control prevents waterfall effect and tangling. The large tension scale allows for excellent repeatability. Maintenance costs are virtually non-existent. Supports 3" diameter spool size.



Wisker Discs

A wisker disk helps prevent wire from waterfaling, ballooning, breaking and tangling by maintaining a slight, constant tension at all times. A wisker disk also creates the pretensioning necessary when using other tensioning equipment and provides instant wire control during the quick starts and stops. The wisker disks are inserted between two plates (wisker disc holder) and placed on top of a spool of wire. L=light (35 AWG or finer) H=Heavy (35 to 25 AWG)



Wisker Discs - 6" spools
Order #: L-06 (Light)
H-06 (Heavy)

Wisker Disc Holders - 6" spools
Order #: HO-06