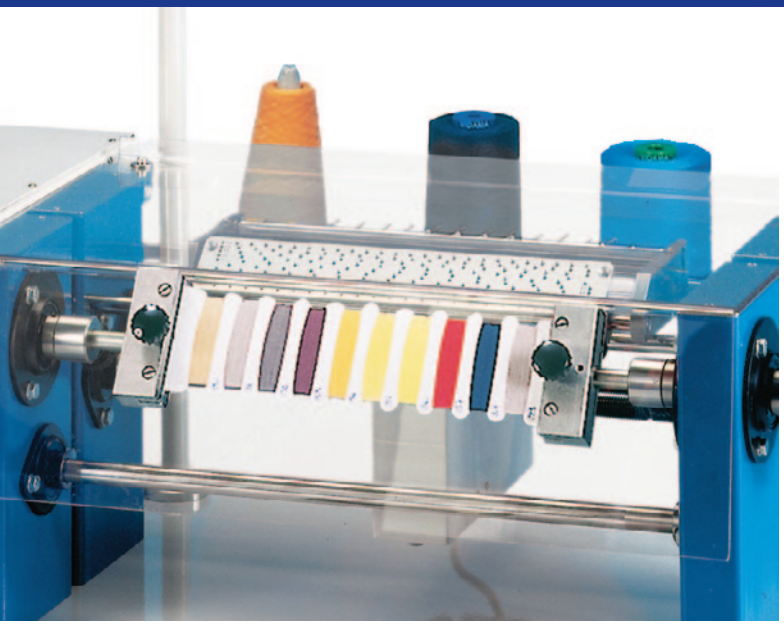
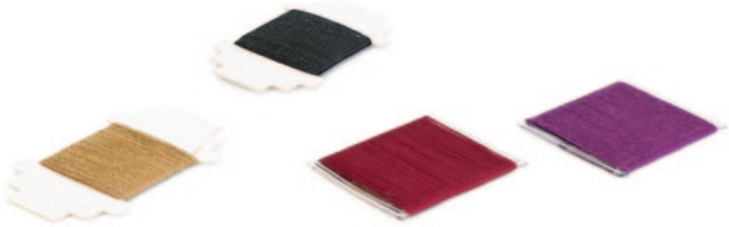
COMPLETE RANGE OF

SAMPLE CARD WINDERS









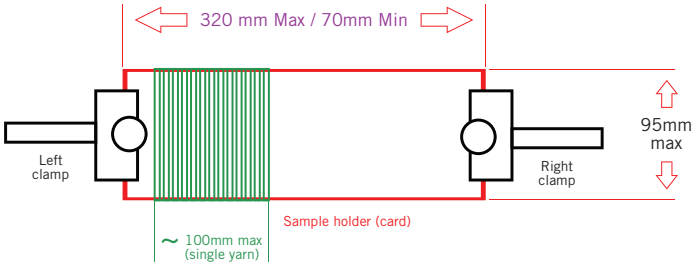
Mesdan's Yarn Sample Card Winders are available in 3 versions:

- **Standard Sample Winder**, suitable for regular spun yarns (like cotton, wool, etc.) and very wide count range (indicatively Nm 5 -100)
- **Special Sample Winder**, distinguished by its high accuracy winding, particularly indicated for medium and fine yarns (like sewing threads) as well as filament yarns.
  The above two models can wind 12 yarns simultaneously, can fit almost any type of Sample Cards: max length 320 mm, max width 95 mm (see dimensions on back page)
- **Spectro Wind**, single card winder, ideal for color gauging and yarn sampling for spectrophotometer analysis. The dyed yarn is wound on special sample holder (cardboard or plastic) preferably provided with a central hole, in order to allow color assessment in compliance with the main international standards. The small yarn sample holder (with or without the central hole) can be then easily stored as dye references or used for the management of production batches

MESDAN LAB

SAMPLE CARD WINDERS CODE 171A, 171B, 171C

Sample Card dimensions (for Standard and Special model):



Standard Yarn Sample Winder, code 171A



TECHNICAL FEATURES

- Automatic forward winding movement, and manual reverse winding movement
- Width of winding can be selected by means of a mechanical gear
- Adjustable yarn tensioner
- Maximum winding speed through a potentiometer: 700 turns/min
- Powered by a direct drive electrical motor through a potentiometer
- Equipped with safety cover.

OPTIONAL ACCESSORIES

Rectangular cardboard 260x35 mm Code 171A.912

DIMENSIONS / POWER SUPPLY

Weight: 46 kg
Dimensions: (L) 500 x (W) 700 x (H) 450 mm
Power supply: 230 Vac, 50/60 Hz, single-phase or 115 Vac, 60 Hz, single-phase, with transformer, code 2520.300 (to define at order)

Special Yarn Sample winder, code 171B



TECHNICAL FEATURES

- Special high accuracy model with micrometric pitch (winding density) adjustment
- Fully automatic forward-reverse winding movement (from 0 to 99), for winding on multiple layers
- Pre-selectable setting through the built-in PLC (programmable logic controller)
- High winding speed (up to 1000 turns/min) settable on the PLC
- Reading of yarn pitch-wounds, wound yarn length and number of cards produced
- Automatic start positioning and “zero” card setting (when starting a new batch)
- Equipped with safety cover.

OPTIONAL ACCESSORIES

Rectangular cardboard 260x35 mm Code 171A.912

DIMENSIONS / POWER SUPPLY

Weight: 71 kg
Dimensions: (L) 500 x (W) 850 x (H) 580 mm
Power supply: 230 Vac, 50/60 Hz, single-phase or 115 Vac, 60 Hz, single-phase, with transformer, code 171B.698 (to define at order)

Spectro Wind, single card winder, code 171C



TECHNICAL FEATURES

- Winding yarn guide with fully automatic forward-reverse movement, pre-selectable through the built-in PLC programmer
- Variable winding pitch
- Winding width: to be indicated at order, among the following available: 25 - 30 - 32 - 40 - 45 - 57 mm
- Yarn guide pre-tensioner
- Winding speed set-up through potentiometer (max. speed 400 turns/min.)

OPTIONAL ACCESSORIES

Yarn sample cardboard (45 mm width and Ø 30 mm central hole), set of 500 pcs	Code 171C.910
To be used only with 45 mm winding width configuration by means of the compulsory 45 mm cam	Code 171C.48B
Additional cams for 25, 30, 32, 40, 45, 57 mm winding width	Code 171C.48A BCDEF

DIMENSIONS / POWER SUPPLY

Weight: 19 kg
Dimensions: (L) 500 x (W) 360 x (H) 500 mm
Power supply: 115 Vac or 230 Vac, 50/60 Hz, single-phase (to define at order)

Photographs and descriptions of the present leaflet have to be considered as purely indicative and not binding

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MANAGEMENT SYSTEM CERTIFICATION DNV ISO 9001 · ISO 14001