

# ELECTRICAL CONICAL TABLE



The Yarn Board Winder is an electronic conical board testing machine which can rotate a yarn board end-over-end at a constant speed. A reference table is provided in ASTM D 2255 to specify the proper spacing for the traversing mechanism. The traversing guide is used to advance the yarn evenly under tension across the board as it is wound. When the yarn is completely wound the testing device automatically stops.

The test specimen is now available for acceptance grading and can be given a yarn appearance grade determined from visual analysis.

There are several terms to describe this device such as a Taper Board inspection machine or an Electrical Conical commonly referred to as a Motor Driven Taper Board.

## Features

- Provided with twin stepped pulleys to wind different number of wraps/inch according to counts
- Same belt can suit for all combination of pulleys to wind different counts with different wraps
- Dual Yarn Carrier guide rod smooth and precise movement and uniform winding
- Motorized to wind yarn uniformly at constant speed
- Auto stop provision on the completion of winding
- Separate yarn stand for cone or cop

## Model

LH-701 Electrical conical table (Taper Board) complete with two black or white tables.

## Special Models

### **Conical table with double cursors** (see diagram)

- Twin Yarn Carrier option to allow 2 yarn winding on the same Black Board. Each Yarn will wind 50% of board, allows to compare 2 yarns side by each.

### **Conical table with double step** (see diagram)

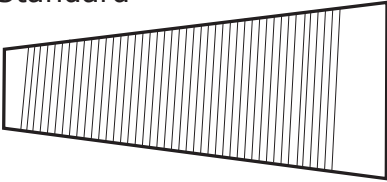
- Double Traverse Speed (double yarn wrap spacing) allows for heavier yarns and fancy yarns to wind with double distance between each wrap.

## Standards

ASTM D 2255 Standard Test Method for Grading Spun Yarns for Appearance

**Yarn Winding Options**

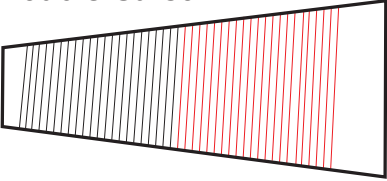
Standard



**Conical Table with Standard Wrap**

Standard Yarn Wraps adjustable from 20 to 48 wraps per inch.

Double Cursor

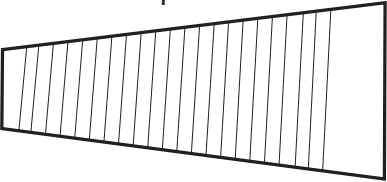


**Conical Table with Double Cursors**

Twin Yarn Carrier option to allow two yarn winding on the same black board. Each yarn will wind 50% of the board.

Useful to inspect two yarns on the Same Board when it is necessary to compare easily two yarns side by each.

Double Step



**Conical Table with Double Step**

Double Traverse Speed (Double yarn Wrap Spacing) allows for Heavier yarns and fancy yarns to wind with double space between each wrap.

Useful to inspect heavy and fancy yarn, yarn wrap with double distance spacing from the standard.

**Technical characteristic**

Stop	Automatic
Speed	0-100 r.p.m.
Table Dimensions	Trapezoidal 15.5 x 25.5 x 60 cm (6.10 x 10 x 23.6 in)
Power supply	110V/60Hz or 220V/50Hz, please specify
Dimensions	90 x 30 x 23 cm (35.4 x 11.8 x 9 in)
Weight	19 Kg. (42 lb)

**Accessories and spare parts**

TNC29A/	Black conical table
TNC29B/	White conical table

*Contact us today for more information on the Electrical Conical or any Lawson Hemphill product,  
Please call us at 1-508-679-5364, or e-mail: [information@lawsonhemphill.com](mailto:information@lawsonhemphill.com)*



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