

# DigiLen

**Generic Name** : Digital Fibre Length Tester

**Product #** : MAG - F0341

**Test Category** : Cotton Fibre

**Industry Usage** : Ginning and Spinning

TEXTILE  
TESTING  
SOLUTIONS

**Features :**

- Table Top model; Working under Optical scanning method.
- Instrument can be calibrated by using calibration cotton.
- Stable electronics; Micro-controller controlled menu based user friendly operating system.
- Result storage and retrieval of previous test results; Option for 'Retest'.
- Self diagnostic system for checking individual operation.
- Results in alphanumeric LCD display.



## TECHNICAL DATA

<b>Operating Mode</b>	: ICC and HVI Mode
<b>Measuring principle</b>	: Optical Scanning Method
<b>Measuring range</b>	: 12.0 to 45.0 mm
<b>Measuring accuracy</b>	: ± 0.1 mm
<b>Measuring parameters</b>	: ICC Mode : 2.5 % SL, 50 % SL, UR % and SFI HVI Mode : UHML, ML and UI % and SFI
<b>Result storage capacity</b>	: 25 test results (5 set of 5 tests)
<b>Applicable Standard(s)</b>	: ASTM D5332, ISO 2648 & IS 233
<b>Power supply</b>	: Single phase 220vAC @ 50Hz; Consumption : 100 watts (max)
<b>Physical Dimensions</b>	: Size (WDH) : 400 x 500 x 240 mm (excluding accessories) Weight : 23 kg (excluding accessories)

## SCOPE OF SUPPLY

- 1) Main Unit** : - 1 No.
- 2) Accessories** : Mains cord - 1 No., Comb - 2 Nos., Combing brush - 1 No., Fibrosampler - 1 No. and Fibrosampler cleaning brush - 1 No.
- 3) Spares** : Glass fuse (3 Amps) - 3 Nos.
- 4) Documents** : User's guide, Warranty certificate, Test certificate & Calibration certificate.
- 5) Consumables** : Standard calibration cotton - 2 Packets (Each pack 70 g of short & long length).

**Optional Supply** : Nil

## PRE-REQUISITES FOR INSTALLATION

Suitably conditioned (65% Relative Humidity atmospheric controlled) room with working table, Properly earthed and Stabilized single phase 220vAC @ 50Hz ported at 5 Amps supply socket, Test samples and Suitably qualified operator.

## OTHER AVAILABLE MODELS

**FibroLen and High Volume Instruments**