

PORTABLE YARN STRENGTH TESTER

SPLICE SCANNER III



Portable electronic strength tester built in accordance with ISO, UNI, ASTM, DIN norms. Endowed with printer and USB port. Compact and light, conceived to measure strength and elongation of yarns, parent and spliced. Specifically designed to be used in the production area near the machines (winding, ring spinning, O.E. frames, before/after yarn dyeing, etc). At the end of the test, force and elongation results are displayed and can be printed together with statistics. The instrument is supplied complete with case for comfortable transportation.



COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
= ISO 9001 =
= ISO 14001 =

SPLICE SCANNER III CODE 2553

Technical features:

- Clamps distance: 250 mm.
- Testing speed: adjustable up to 1000 mm/min.
- Pretension: automatically adjustable according to the pre-set value.
- Measuring range: FORCE from 0 to 60 N (0-6 kg); ELONGATION from 0.5% to 45% (0-110 mm).
- Electro-magnetic clamps with automatic closure are supplied with the instrument.
- Manual mechanic clamps for slippery or resistant yarns (above 30 N) are available as optional.
- 3 different testing modes available and results comparison referred to a reference sample.
- Data output: force and elongation results, statistics (min, average, max. force of elongation, CV%), tenacity (RKM). Data could be printed on a built-in printer or, as files, saved on USB memory stick.

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*****
* MESDANLAB *
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Mode:Str. Tester
Test type: B
PROVA
Speed (mm/min): 500
Count unit: Tex
Count : 100.00
Ten[cN/Tex]: 2.480
RKM : 2.530
-----
STAT. ELONGATION (%)
Min 3.04 Max 3.81
Mean 3.37 Cv% 9.01
S 0.30 Ran 22.83
-----
STAT. FORCE (cN)
Min 219 Max 307
Mean 248 Cv% 14.78
S 36.66 Ran 35.48
-----
Nr. Elons. Force
01 3.23 % 226 cN
02 3.04 % 219 cN
03 3.54 % 261 cN
04 3.81 % 307 cN
05 3.23 % 228 cN
    
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Optional:

Manual mechanic clamps	code 2550.120
Moveable trolley	code 2550.150
Calibration report	code 2553.CC1
Battery charger with built-in feeder, 230 Vac, 50 Hz	code 2553.3240
Battery charger with built-in feeder, 115Vac, 60Hz	code 2553.3244



DIMENSIONS / POWER SUPPLY

Weight: 10 kg
 Dimensions: (L) 450 x (W) 330 x (H) 140 mm.
 Power supply: 115V/230, 50/60Hz

REFERENCE STANDARDS

UNI EN ISO 2062, ASTM D2256

Photograph and description of the present leaflet have to be considered as purely indicative and not binding
 Rel. En 2015-11