

ATT - 3000

Automatic Twist Tester



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

▶▶ **PRODUCT INTRODUCTION**

Automatic Twist Tester is used for accurate measurement of TPM (Twist per meter) or TPI (Twist per inch) of the twisted yarn. Automatic Twist Tester manufactured at B-Text Engineering is as per customer's requirement that is user- friendly and reasonable.

▶▶ **FEATURES**

- Micro-controller based electronic twist tester-
- Motor driven fully automatic instrument.
- Auto stop facility for motor.
- In-built sensor-
- Alphanumeric backlit LED display unit.
- Keyboard with 16 soft touch keys.

▶▶ **SPECIFICATION**

- Yarn test length: 25mm to 500 mm adjustable (metric unit).
- The test length added in scale format will provide final reading in TPM.
- Range: 300 to 4000 TPM
- Resolution: 1 TPM
- Elongation Range: 40 mm.
- With tolerance of -15mm or 0.6 inch for movement in other direction.
- Motor Speed: Up to 500
- RPM . Manual control of rotation is possible by button and hand.
- Clamps: Spring loaded clamps at motor end for easy clamping of yarn-
- Toggle clamp at spool end for easy, quick and continuous clamping of yarn through spool
- Averaging: Reading of all samples can be stored and average TPM/TPI value is calculated through computer analysis software and cable @ additional 6000/- rs.-.
- Supply: 230 V AC, 30 Watts.
- Size: 1000mm x 150mm x 200mm (approx)-
- Suitable for S/Z type of twisted yarns.
- Electronic sensor for sensina zero (starting) position.
- Tension weight up to 20 gms adjustable in step of 5 gms-
- Yarn spool mounting arrangement at one end of the twist tester.

▶▶ HOW AUTOMATIC TWIST TESTER WORKS?

- The first step is to select the method/mode to be chosen.
- The yarn has to be clamped between 2 clamps.
- 'S' or 'Z' key has to be selected depending upon twist direction.
- The stopper at the left front side of the Automatic Twist Tester has to be set at approx 50% of expected elongation
- The motor has to be started by pressing the 'START' key.
- The motor will start untwisting the yarn and LED display will start counting-
- Reading will be stored in connected computer automatically in specific serial number

Automatic Twist Tester confirms with international standards and comes under warranty-
All this help provide customer satisfaction that promotes long term customer relationship
which is our ultimate objective at B-Text Engineering.

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



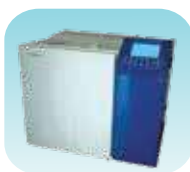
UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



 **Analytical**®
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net

W: www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com

Sales & Support Offices:
across the country :
Distributors & Channel
partners World Wide