



30⁺ YEARS
Quality &
Innovation



Instrument's Choice

S.No	Instruments	Purpose	Ginning	Spinning	Weaving	Knitting	Processing	Apparels	Garments
1	HVT Series	High Volume Fibre Testing	■	■					
2	DigiLen I DigiLen XT	Fibre Length	■	■					
3	FibroLen	Fibre length- Baer Sorter Method		■					
4	FibroStelo	Fibre Bundle Strength	■	■					
5	DigiMic XT I FibroMic XT	Fibre Fineness / Micronaire	■	■					
6	DigiMoist / DigiMoist XT	Moisture Content	■	■	■	■	■	■	■
7	AccuTrash I EleTrash	Trash Content	■	■					
8	FibroNep	Nep Counting from Template		■					
9	FibroBlock Series	Hank for Sliver and Roving (Manual)		■					
10	SmartBlock Series	Hank for Sliver and Roving (Motorised)		■					
11	AutoWrap I EleWrap Series	Lea Preparation- Fixed / Desired Length		■	■	■	■	■	■
12	CompuCount	Hank & Count		■	■	■	■	■	■
13	AutoStretch I EleStretch I MecStretch	Yarn Lea Strength		■	■	■			
14	ComboData DXT I ComboData XT	Yarn Lea Count & Strength (CSP)		■	■	■			
15	TensoMaster I TensoLite	Tenacity Or Single Yarn Strength properties		■	■	■			
16	CompuTwist I Eletwist	Twist Testing (TPI / TPM)		■	■	■			
17	AutoWinder Series	Yarn Appearance		■					
18	ASTM Standard Boards	Yarn Grading		■					
19	UH Expert Series	Unevenness & Hariness		■	■	■			
20	DigiCone C	Cone Collapsing Strength		■					
21	Package Hardness Tester	Yarn Package Density		■	■	■	■		
22	CircuCut I CircuCut XT	Sample Cutting / GSM measurement			■	■	■	■	■
23	TrueShrink	Dimentional Changes					■	■	■
24	DigiBurst	Bursting Strength- Fabric/ Carton		■	■	■		■	■
25	AbraSmart	Abrasion & Pilling resistance- Martindale			■	■		■	■
26	MecTear	Ballistic Tearing strength			■			■	■
27	AccuCrimp	Actual Yarn Usage			■			■	■
28	DigiThick I DigiThick Lite I AnaThick	Fabric Thickness			■	■		■	■
29	FabyCount	Yarn count from fabric			■			■	■
30	AutoPill Series	ICI Pilling resistance			■	■		■	■
31	SimCrease	Wrinkle recovery			■			■	■
32	PneumaStiff I SimStiff	Circular Bend and Stiffness			■			■	■
33	CourseLen	Accurate Length of Course				■			
34	Air Permeability Tester	High Capacity Air Permeability			■			■	■
35	MecSnap	Pulling Strength of Button / Snap						■	■
36	FexMet	Stretch & Recovery- Conventional			■	■		■	■
37	UniStretch Series	Tensile Properties of Fabric and Yarn							
	Module 1	Strip & Grab Strength			■	■		■	■
	Module 2	Yarn Count & Strength (CSP)			■	■		■	■
	Module 3	Yarn Tenacity (Single Yarn Strength)			■	■		■	■
	Module 4	Seam Slippage & Strength						■	■
	Module 5	Tear- Tongue / Wing-Rip / Trapezoid						■	■
	Module 6	Pulling Strength of Button / Snap						■	■
	Module 7	Peel Bond Strength						■	■
	Module 8	Zipper Strength						■	■
	Module 9	Stretch & Recovery			■			■	■
38	SmartRub XT I MecRub XT	Color fastness against Rubbing					■	■	■
39	WashFast Series	Color fastness againg Washing					■	■	■
40	PerspiRator	Color fastness against Perspiration					■	■	■
41	DigiOven	Drier for textile materials		■			■	■	■
42	PresoHot Series	Color Fastness against Hot pressing					■	■	■
43	NanoVision Lite I Microvision XT	Color Matching Cabinet					■	■	■
44	AutoFlame Series	Burning charecteristics (Flamamability)			■			■	■
45	AccuSpray	Water Repellency (Spray Test)			■	■		■	■
46	MecDrape	Co-efficient of Drape			■	■		■	■
47	IR LabDyer I Lab Dyer Series	Sample Dyeing					■	■	■
48	Water Bath	Sample Dyeing					■	■	■
49	WashDurator	Print Durability Tester						■	■
50	Fab Q	Fabric Inspection Machine			■	■	■		
51	AbraTest	Yarn Abration Resistance			■				
52	ISO & AATCC Grey Scales	Grading the Color Fastness					■	■	■
53	Photographic Standards	Pilling Appearance			■	■	■	■	■

Content

 	Prime Lab Products	Page 01-02
---	--------------------	------------

 	Essential Lab Products - Fiber & Yarn	Page 03-04
---	---------------------------------------	------------

	Online Monitoring System	Page 05
--	--------------------------	---------

	Lab Products - Fabric, Processing & Garments	Page 06-08
---	--	------------

	Inspection System	Page 09
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HVT Genius 2

Fully Automatic High Volume Fibre Tester

Prime Lab Products

HVT Genius 2⁺

- It is a combination of HVT Genius 2 & AccuTrash, Fully automatic trash separator.



HVT Expert I20I

High Volume Fibre Tester



HVT Smile 100

Compact High Volume Fibre Tester



UH Expert 2012

The Complete Evenness Tester

Prime Lab Products



Fully Automatic Evenness Tester



Automatic Yarn feeder with 24 Cops/Cone.

TensoMaster

Fully Automatic Single yarn strength tester



TensoLite

Semi-Automatic Single Yarn Strength Tester



DigiLen XT



Computerised Digital Fibre Length Tester

FibroLen



Cotton Fibre Tester - Baer Sorter

FibroStelo



Fibre Strength - Stelometer

DigiMic XT



Digital Fibre Fineness Tester

FibroMic XT



Fibre Fineness Tester

AccuTrash



Automatic Trash Separator

EleTrash



Semi Automatic Trash Separator

DigiMoist



Digital Moisture Meter

FibroNep



Nep Counting Template

SmartBlock BXT



Advanced & Motorised Wrap Block

SmartBlock



Motorised Wrap Block

FibroBlock 5



Manual Wrap Block - Bed Type

FibroBlock XT



Manual Wrap Block

EleWrap 6



Electronic Wrap Reel

CompuCount



Computerised Yarn Count

ComboData DXT



Computerised Lea Count Strength Tester - Floor Model

ComboData XT



Computerised Lea Count Strength Tester - Table Top

MecStretch XT



Lea Strength Tester - Wall mount

CompuTwist



Computerised Twist Tester

EleTwist



Electronic Twist Tester

AutoWinder



Yarn Appearance Board Winder

DigiCone C



Cone/Cheese Collapsing Strength Tester

Package Hardness Tester



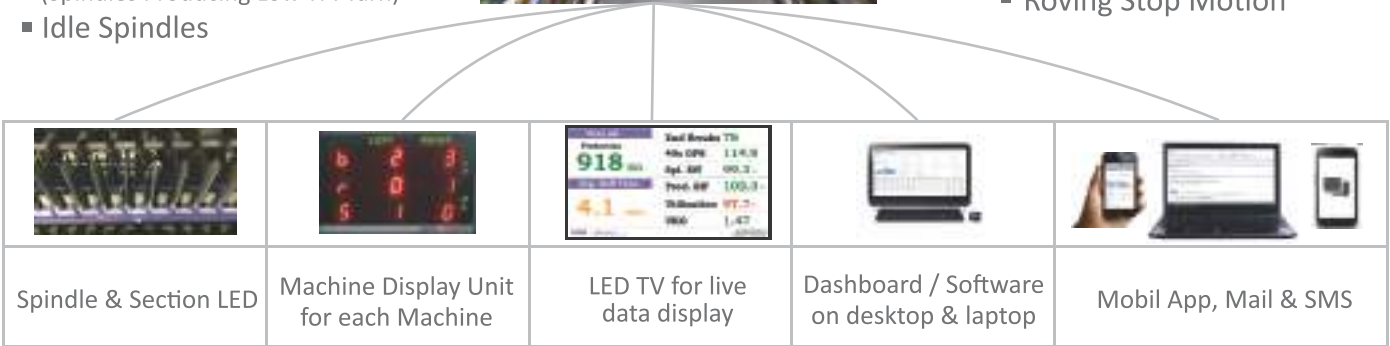
Package Hardness Tester

Monitoring Parameters

- Production
- Doffs
- Stoppages
- End Breaks
- Rogue Spindles
(Spindles giving Repeated Breaks)
- Slip Spindles
(Spindles Producing Low TPI Yarn)
- Idle Spindles



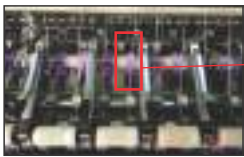
- Draft
- Twist
- Power Consumption
- Air Consumption
- Temperature & RH
- Pneumafil Suction Control
- Roving Stop Motion



Reports & Analysis



Roving Stop Motion

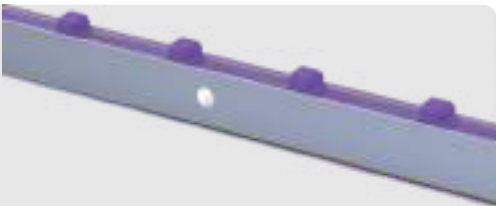


SPinGO



Adding SPinFO in your system helps you to utilize the best of your deployed resources

SPinFO Opt
Spindle Monitoring System with
Optical Sensor

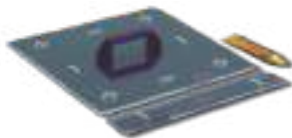


CircuCut XT with
GSM Balance



GSM Cutter - Shearing Type

TrueShrink
25/30/50/UNI



Shrinkage Measuring
Template & Scale

DigiBurst



Digital Bursting Strength Tester

UniStretch 250/500/1000

Various Modules :



Tensile (Strip) & Grab Strength
ASTM D5034 | D5035 ISO 13934-1, 2
IS 1969



Lea skein Strength
ASTM D1578
ISO 2062:1993 IS 1671
BS EN ISO 6939



Single Yarn Strength
ASTM D2256 IS 1670



Tear Test Module
Tongue Single Rip
ISO 13937 - 2, 4
Trapezoid Procedure
ASTM D2261
Wing - Rip Technique



Peel Bond Strength
ASTM D2724



Stretch & Recovery
ASTM D4964



Seam Slippage
ASTM D 1683 ISO 13935-1, 2 |
13936-1, 2 IWSTM 117



Button/Snap Pull Test
ASTM D4846



Zipper Strength
ASTM D2061



Multi Strength Tester
with Various Modules

MecTear



Tearing Strength Tester –
Elemendorf Type

FexMet



Fabric Stretch and Recovery Meter
(Extensio Meter)

AbraSmart



Abrasion cum Pilling Tester
- Martindale Type

AutoPill 2BX / 4BX



ICI Pilling Tester –
2 Boxes / 4 Boxes

DigiThick / DigiThick Lite
/ AnaThick



Thickness Gauge with digital /
Analog display

AutoFlame I/V



Flammability Tester – 45° / 90°

FabyCount



Beesley's Balance

SimCrease



Crease Recovery Tester

AccuSpray



Spray Rating Tester

SimStiff



Fabric Stiffness Tester

PneumaStiff / SimStiff



Analog / Digital Fabric Stiffness
Tester for Circular Bend

AccuCrimp



Crimp Length Tester

CourseLen



Course / Loop Length Tester

Air Permeability Tester H



High Capacity Air Permeability

AbraTest



Yarn Abrasion Tester

MecRub XT / SmartRub XT



Advanced Crock Meter –
Hand Driven / Motorized

WashFast Series



Laundrometer

LaboDyer R16 / R24



IR Lab Dyeing Machine

LabDyer XT Series



HTHP Lab Dyeing Machine

Water Bath



Water Bath – 12 Pots

WashDurator



Print Durability Tester

PerspiRator / PerspiRator DX



Perspiration Tester

DigiOven



Hot Air Oven – Digital
(Low / High Temperature)

PresoHot / PresoHot XT



Scroch / Sublimation
Tester -Single Head / 3 Heads

PillVision



Pilling Vision

MecDrape



Drape Meter

NanoVision Lite



Color Matching Cabinet

MicroVision XT



Advanced Color
Matching Cabinet

MecSnap



Button / Snap Pull Strength
Tester – Manual



Salient Features:

- Suitable for knitted, woven, grey and dyed fabric.
- Roll to roll, Roll to fold, Fold to roll and Fold to fold inspection method.
- Size of inspection window upto 160".
- Speed of inspection upto 60 m/min.
- Bottom light, Top light & UV Lamp can be controlled Separately.
- Both feed roller & winder roller speed are synchronized with motor drive for adjusting speed.
- Auto edge alignment.
- Automatic stop sensor for end of fabric.
- Automatic tension control.
- Weighing device at delivery side with pneumatic doffing arrangement.
- Data storage in system.

MAG was established in 1991 with an insight to design and develop testing instruments for Textile industry. Over the years, the company has grown its product portfolio and aligned its offering to the changing industry requirements and technology advancements. Today, MAG Solvics Private Limited is a multi-product, multi-market enterprise that provides total testing solutions and online monitoring solutions for all the segments of Textile industry all over the world with installations exceeding 8000 units.

The Company is built on a strong foundation of innovation and technological excellence. Continuous focus on research and development, strategic partnerships and a customer centric approach have marked MAG's 30+ years journey in the textile industry.



Research and Development Our technocrats work in interdisciplinary teams to provide innovative and industry friendly products that ensure our long-term business success. To be able to provide the best possible solutions, MAG has alliances and partnerships with several research organizations, educational institutions and individuals in the industry.

MAG's products are designed compliant to multiple international textile standards such as ISO, IS, BS, ASTM, DIN, AATCC, IWS and are CE marked for safety standards. MAG takes part in the reputed international round trial tests conducted by reputed international bodies such as CSITC and BREMEN. MAG R&D division is recognized by the Ministry of Science and Technology of India.

Customer Support Commitment to customers is one of MAG's strongest driving forces. To underline this commitment, MAG has set up a dedicated customer support team that operates round the clock with a view to provide prompt support to the customers all over the world. Installations by qualified and trained engineers ensure that instruments are installed as specified and the users are educated to operate the instruments properly. Regional service centres are also set up to serve the customers responsively.

Quality MAG demonstrates its commitment to quality by establishing a separate quality assurance division which conducts quality tests on the manufactured products. The MAG quality system is established in line with ISO 9001:2015 Quality Management System Standard. Every manufactured component and product passes through stringent quality audits and tested to ensure performance and reliability in a controlled atmosphere defined by the standards.

Integrated Quality Solutions (IQS) In addition to testing and monitoring products, MAG offers Integrated Quality Solutions (IQS), a comprehensive program that provides the customers with quality solutions such as,

- Designing customized laboratories
- Providing testing and calibration services
- Training personnel to infuse best practices in testing
- Annual maintenance and Operational maintenance contracts

Our Associate

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