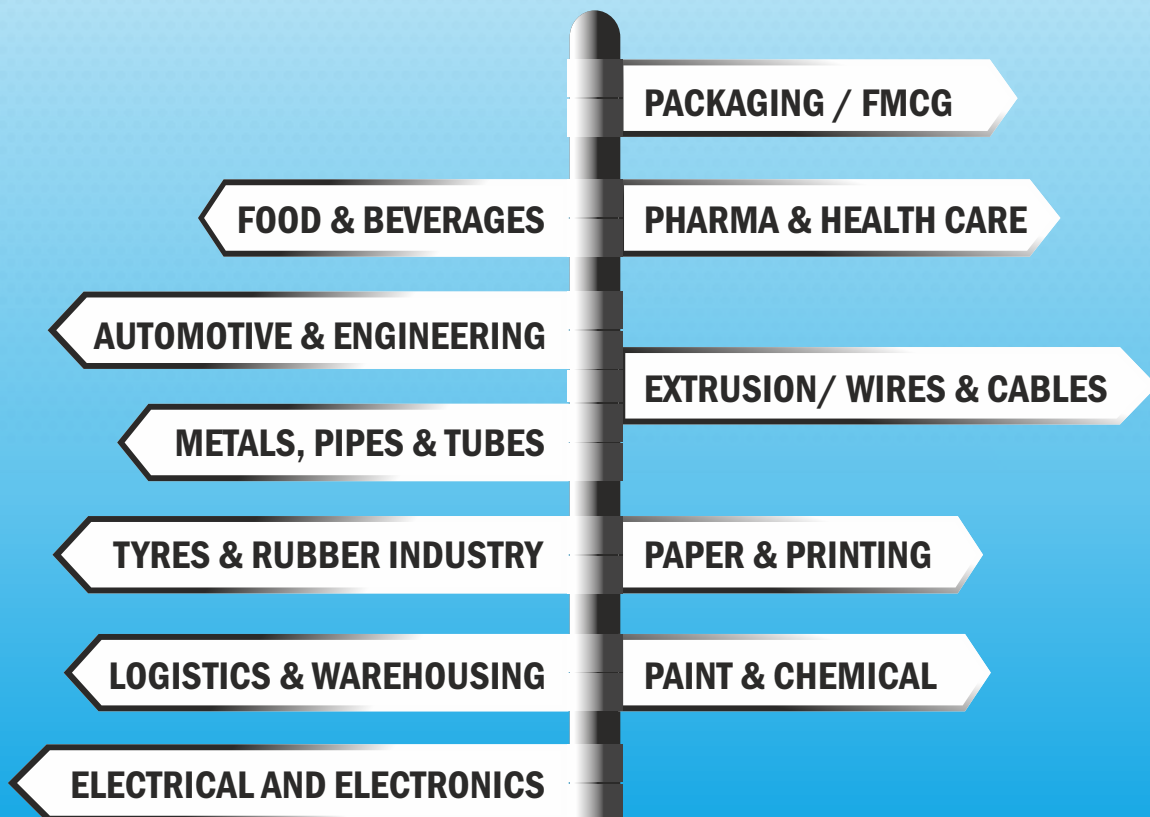# DESIGN, DEVELOPMENT, ENGINEERING & MANUFACTURING

SUPPLIER & SERVICE PROVIDER

SPM | Marking & Coding | Label Print & Apply | Track & Trace | Traverse & Winding
Measurement & Control | Inspection & Verification

PACKAGING / FMCG

FOOD & BEVERAGES

PHARMA & HEALTH CARE

AUTOMOTIVE & ENGINEERING

EXTRUSION/ WIRES & CABLES

METALS, PIPES & TUBES

TYRES & RUBBER INDUSTRY

PAPER & PRINTING

LOGISTICS & WAREHOUSING

PAINT & CHEMICAL

ELECTRICAL AND ELECTRONICS

PRODUCT OVERVIEW

About Us

LMI INDIA — an ISO 9001:2015 TUV Nord Certified company is into Design, Development, Engineering & Manufacturing of quality products / systems / SPM Machines and providing pre & post sales support is successfully catering to a spectrum of industries, viz. Extrusion, FMCG, Pharma, Packaging, Automobile, Electrical & Electronics, Metal, Cable, Tube & Pipe, Food & Beverage, Printing, Warehousing & Logistics, Rubber & Tyre Industry, etc. The list goes on and on as we explore for new application areas at every given opportunity. In association with our partners, who are leading global players, we have been seamlessly integrating precision, reliable, cost effective and best engineered products to our valuable customers across applications and industries we operate in. This has enabled us to create a niche for ourselves in the markets we operate in, for almost two decades now.

In our effort to reach further heights to support our valuable customers, we work closely with them to understand their exact requirements to provide their targeted goal.

Aim

Pursue excellence through total quality management.

Mission

Provide superior products and services to our customers and maintain market leadership.

Vision

Evolve as an institution that serves the best interests of all stakeholders.

Social Value

Ensure the highest standards of ethics and integrity in all our actions.

Our Strength

Team **LMI INDIA** - dedicated and experienced professionals, which helps us in our business endeavors. These professionals are selected on the basis of their skills and domain expertise. They understand the value of quality and strive hard to achieve the basic objective of the company, which is "Complete Customer Satisfaction".

Our Partners

Some of the leading global players offering the best engineered products, across applications and industries, by seamlessly integrating precision, reliability and cost-effective solutions.

Product Portfolio

- **SPM – Special Purpose Machines**
- **Marking & Coding Machines**
- **Label Print & Apply • Track & Trace**
- **Inspection & Verification**
- **Measurement & Control**
- **Traverse, Winding & Clamping**
- **Conveyors • Software & Data Logging**
- **Customised Solutions**
- **Pre & Post Sales Support**
- **Consumables • Spare Parts**

Why LMI INDIA

We are one of the foremost choices of our clients in the domain of Industrial Automation, Process Automation, Identification & Verification Systems owing to following reasons:

- Ethical business practice
- Client centric approach
- Customized solution
- Timely delivery
- Value for money
- Pan India presence
- Reliable & cost effective solutions
- MSME & NSIC Regd. Co.

Technologies we offer

Marking & Coding

CIJ — Small Character Marking Machine

HI-RES — Thermal Marking Machine

DOD — Large Character Marking Machine

LASER — Laser Marking Machine

Label Print & Apply Machine

RFID

abc123 — Hot Foil

abc123 — De-bossing

INK — Inks & Consumables

Customised Solutions

Measurement & Control

Laser

SPM — Special Purpose Machines

Inspection & Verification

Vision

Track & Trace

Coders & Scanner Warehousing & Logistics

Traverse & Winding

Winding Solutions

Small Character Marking Machine

Jet1Neo/Jet2Neo/Jet3UP/Jet3UP Rapid- To print the variable information on the primary and secondary packaging lines up to 1/2/3/4/5 lines respectively. No clog Nozzle (Sealtronic), Automatic Viscosity & Pressure Control, Window based operating system are few of the salient features our printer offers. The superior technology has been awarded the gold medal that ensures minimum break down & low running cost owing to the fact that one-liter of ink can give up to 200 million characters in the industry.

JETmotion
Traverse Mechanism

Capabilities

- Innovative Design ● Automatic Nozzle Seal (Sealtronic) ● Automatic Self Diagnosis
- TFT Touch Screen ● Easy Integration ● Environment Friendly ● Intuitive & Error Free Handling
- Lowest Consumption of consumables ● 800 Standard Features ● Level Monitoring for Ink & Solvent
- Wireless Connectivity ● High Speed Printing - upto 1000 MPM

Specifications

Jet1neo	*Jet2neo*	*Jet3UP*	*Jet3UP Rapid* (Universal / High Speed/ Wire)
Operating System - Windows Based	Operating System - Windows Based	Operating System - Windows Based	Operating System – Windows Based
Character Height : 1.5 to 8 mm	Character Height : 1.0 to 11 mm	Character Height : 0.8 to 16 mm	Character Height : 0.6 to 10 mm
Number of lines : 1-2	Number of lines : 1-4	Number of lines : 1-5	Number of lines : 1-5
TFT Touch Screen 5.7"	TFT Touch Screen 5.7"	TFT Touch Screen 10.4"	TFT Touch Screen 10.4"
Printing Speed: upto 400 mpm	Printing Speed: upto 400 mpm	Printing Speed: upto 600 mpm	Printing Speed: upto 1000 mpm
Printing in any direction	Printing in any direction	Printing in any direction	Printing in any direction

FMC 650

Model	Product Range	Min. Product Width	Max. Product Width	Feed Rate	Product /min	Conveyor Speed	Number of Lines	GSM of Product	Printing Area (WXL)
FMC650-312CJ	80mm ~ 300mm	80	300	73 m/min	180*	83 m/min	Multiple (Upto 5 Lines)	0.15 to 4 mm	8x550/12x550/16x550mm
FMC650-312CJ	225mm ~ 550mm	225	550	73 m/min	180*	83 m/min	Multiple (Upto 5 Lines)	0.15 to 4 mm	8x550/12x550/16x550mm

Product Length 280mm

Applications
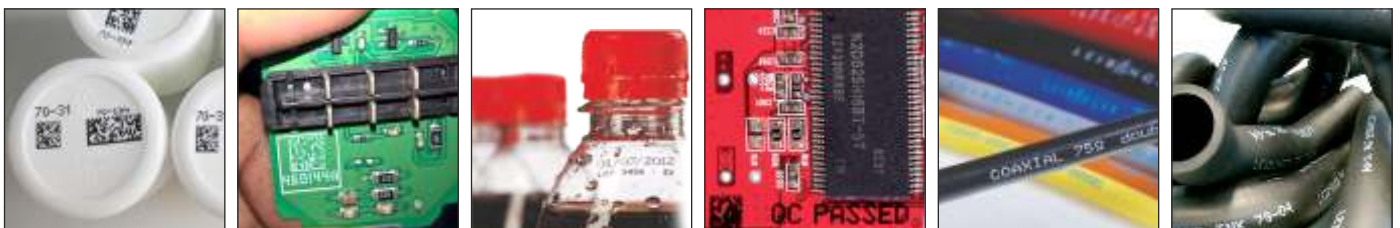
Thermal Marking Machine

The thermal inkjet technology is maintenance-free and non-wearing and enables high resolution marking on absorbent and non-porous surfaces upto 900 x 600 dpi with variable printing heights of 12.5 to 100 mm, depending on the control system and number of connected print heads.

This is an Innovative product with high resolution and small & large format coding. All systems allow flexible combinations to address all printing requirements in the highest possible quality, swiftly, touch-free, on absorbent and non-absorbent materials.

HandHeld Coder

HandHeld Coder - Mobile and battery operated coder, catering to wide range of offline applications

Capabilities

- Innovative Design
- Automatic Self Diagnosis
- Marking on absorbent and non-porous surfaces
- Easy Integration
- Inbuilt Running Cost Calculator
- Lowest Consumption of Consumables

Specifications

iJet	X1/X2/X4/X8	HandHeld Coder
Character Height : Upto 12.5mm	Character Height : upto 100mm	Character Height : Upto 12.5mm
Number of lines : 6-8	Number of lines : Multiple	Number of lines : Multiple
Printing Speed: upto 300 mpm	Printing Speed: upto 90 mpm	Printing Speed: handheld
High resolution marking	High resolution marking	High resolution marking
Numbering, 1D/2D Code	Numbering, 1D/2D Code	Numbering, 1D/2D Code

FMC 650

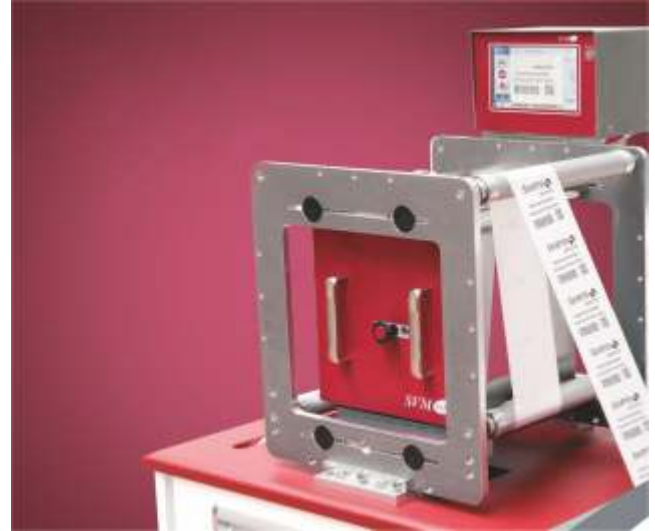| Model	Product Range	Min. Product Width	Max. Product Width	Feed Rate	Product /min	Conveyor Speed	Number of Lines	GSM of Product	Printing Area
FMC650-312TI	80mm ~ 300mm	80	300	73 m/min	180*	83 m/min	Multiple	0.15 to 4 mm	12.5 x 250mm
FMC650-922TI	225mm ~ 550mm	225	550	73 m/min	180*	83 m/min	Multiple	0.15 to 4 mm	12.5 x 250mm

* Product Length 280mm

Applications

TTO

Thermal Transfer Overprinting Coder (TTO)

LMI offers Thermal Transfer Overprinting machine for continuous and intermittent printing as well as off-line printing. The intermittent machines are suitable where the web material or item to be printed stops once per machine cycle and continuous printers are for use where the substrate material or object to be printed is fed continuously when the parent machine is operating.

Versatile Thermal Transfer Printer, capable of printing quality images, including Texts, Graphics, Dates, Bar codes and 2D codes on to flexible packaging material, including labels, films, foils, cartons and cards. They are available in two print widths, 53 mm and 107 mm and can print images up to 500 mm long.

Specifications

Magnetic
Without Air

Print Area: 32x 40I / 53x40I

Number of lines: Multiple

Printing Speed: 300 mm per second

Resolution: 300 dpi

Ribbon Length : 600 mtrs.

Data Connection : USB, Ethernet

Printing Capability: Alphanumeric, 1D/2D Code, Graphics

Applications: Packaging, Labeling, Films, Cartons, Cards, Foils

Intermittent

Print Area: 32x 50I / 53x50I / 107x75I

Number of lines: Multiple

Printing Speed: 450 mm per second

Resolution: 300 dpi

Ribbon Length : 600 mtrs.

Data Connection : USB, Ethernet

Printing Capability: Alphanumeric, 1D/2D Code, Graphics

Applications: Packaging, Labeling, Films, Cartons, Cards, Foils

Continuous

Print Area: 32x 125C / 53x125C / 107x125C

Number of lines: Multiple

Printing Speed: Upto 600 mps

Resolution: 305 dpi

Ribbon Width : 55 mm/ 106.6 mm

Data Connection : Serial

Printing Capability: Alphanumeric, 1D/2D Code, Graphics

Applications: Packaging, Labeling, Films, Cartons, Cards, Foils

Capabilities

- Innovative Design
- Self Levelling Printhead
- Automatic Self Diagnosis
- Touch Screen
- Easy Handling
- Realtime Printing
- Ribbon Saving Mode

FMC 650

Model	Product Range	Min. Product Width	Max. Product Width	Feed Rate	Product /min	Conveyor Speed	No. lines	GSM of Product	Printing Area
FMC-650-922TT**	80mm ~ 300mm	80	300	18 m/min	70*	22 m/min	Multiple	App. Specific	32X125 /53X125 /107X125 mm
FMC-650-922TT**	225mm ~ 550mm	225	550	18 m/min	70*	22 m/min	Multiple	App. Specific	32X125 /53X125 /107X125 mm

*Message size 20x20 mm   *Product Length 170 mm   * * Application Specific   Models - 1. Laminates 2. Carton Boxes

Applications

LASER

Laser Marking Machine

LmArk - *the permanent mark*

LmArk - Laser Marking Machine employing Optical Fibre technologies to mark variable data on various products & substrates with a line speed upto 80 meters per minute.

Laser Marking Machine offers permanent marking of alphanumerical characters ,logos and 1/2 D Bar Codes either in static or in dynamic condition.

Both metal and non metal Laser Marking applications are possible owing to selection from wide range of Laser sources such CO_2, UV, Green Light, Fibre Laser and wattages ranging from 5W to 3000W depending upon application & substrate. The UV Marking is more precise and employs digital high speed for processing.

Capabilities

● Stable Light Source ● High Quality Spot ● Uniform Laser Density ● Uniform Laser Output ● High Speed ● Compact Size ● Stable Operation ● Data optimisation ● Easy Setup ● Simplified operation

Specifications

CO2	Optical Fibre
Laser Power : 10 W / 30 W / 55HD / 100 HD	Laser Power : 20 W
Laser Life : 30,000 burning hours	Laser Life : 1, 00,000 burning hours
Marking Speed : 1000 char. per sec. Character Height 2 mm -Lens & Material Dependent	Marking Speed : 1600 char. per sec. Character Height 2 mm -Lens & Material Dependent
Data Connection : USB / Serial /Ethernet	Data Connection : USB / Serial /Ethernet
Cooling : Air/ Water	Cooling : Air/ Water
Ambient Temp. : 5^0 to 45^0C Humidity upto 80% non-condensing	Ambient Temp. : 5^0 to 45^0C Humidity upto 80% non-condensing
Marking Field (mm) :	Marking Field (mm) :

LF 2	LF3	LF4	LF5	LF8
50 X 50	80 X 80	100 X 100	120 X 120	200 X 200

LF3	LF4	LF6
70 X 70	100 X 100	150 X 150

Applications

Label Print & Apply Machine

Our Label Print & Apply Systems are quick, reliable and trouble free for broad range of products and applications.

As an expert we know 120 ways of label application including RFID and do supply consumables also. Help us in understanding your application and get a perfect solution.

Capabilities

- Innovative Design ● Self Levelling Printhead
- Automatic Self Diagnosis ● Touch Screen
- Easy Handling ● Realtime Printing
- Integration with Level 2 System

Specifications

Technologies	Wipe ON	Tamp ON	Tamp Blow	Blow ON
Label Speed & Product Speed	Same	Stationary	Symmetric	Symmetric
Label & Product Direction	Same	Stationary	No-Limit	No-Limit
Method	Contact	Contact	Non-Contact	Non-Contact
Speed	Upto 40m/min	Zero	High	High
Accuracy	Precision	Precision	High	Limited

- Apply labels easily on any substrate ● Caters to wide range of applications ● Power supply required -NIL
- Easy to operate ● Easy to handle
- Technology offers label edge detector that automatically senses the leading edge of the label to ensure accurate dispensing
- Can apply even pressure-sensitive & RFID labels ranging from 20mm to 100mm widthwise

Applications

LM INDIA ®
PRECISION TO PERFECTION
An ISO 9001:2015 TUV Nord Certified Company

Tamper Evident Labeller

Tamper Evident Labeller to be integrated into existing data matrix station or weighting system. Self adhesive label seals are applied on both sides of the flap openings of pharmaceutical packing. Perforation on the labels will expose manipulation by destruction of the label. Depending upon the packaging plant labels are dispensed after weighing or after coding machines.

GERMAN
Technology

Capabilities

- Sealing Labelling for protection against counterfeits
- Two-sided corner labelling of folding boxes
- Highly compact design to allow integration into existing plant
- Output clocking upto 300 items per minute
- Stepper motor driven applicator
- Processing of transparent, perforated labels
- Speed independent labelling via tamp wipe on method
- Dual label roll unwinding

Specifications

Wrap Station : Top & Bottom	Interface Box for I/O
Direction : Right /Left Version - Please confirm	Dispensing Accuracy : +/- 0.8 mm
Minimum Label Size (w x h) : Minimum : 20 x 20 mm Maximum : 40 x 40 mm	Maximum Dispensing Speed : Upto 78 meters /minute
Maximum Label Size (w x h) : 40 x 40 mm	Power Supply : 220 VAC
Unwinder for Label roll diameter up to 300 mm	Power Consumption : 300 W
Roll Length Maximum : 450 meters	Housing : Aluminium /Stainless Steel
Core Diameter : 3"	IP Rating : 40
Low label prewarning sensor	Ambient Temperature : 10 C degree to 38 C degree
Alarm 3 Colour	

Applications

Traverse & Winding

Traverse Roll Ring Drives

ARG Drive Assembly

RG Drive

Model /No of Bearings 3	RG 3 15 2MCRF	RG 3 20 2MCRF	RG 3 30 2MCRF	RG 3 40 2MCRF	RG 3 50 0	RG 3 60 0	RG 3 80 0
Shaft Diameter	15	20	30	40	50	60	80
Max. Side Thrust FGR (N)	110	160	260/400	420	700	1,000	1,800
Max Pitch h (mm)	11.4	15.9	26	33	41	49	76

Model /No of Bearings 4	RG 4 15 2MCRF	RG 4 20 2MCRF	RG 4 30 2MCRF	RG 4 40 2MCRF	RG 4 50 0	RG 4 60 0	RG 4 80 0
Shaft Diameter	15	20	30	40	50	60	80
Max. Side Thrust FGR (N)	220	320	520	840	1,400	2,000	3,600
Max Pitch h (mm)	11.4	15.7	26	33	41	49	76

Features			
D	Two-way shaft rotation	R	Rolls on rear of unit
E	Electro-magnetic	R1	Rolls fitted to separate top mounting
H	Control level,double-sided	F	Mechanical
K	Control level,single-sided	P	Pneumatic
M	Instantaneous reversal	B	Self-adjusting end stops
N	Pneumatic	W	Lead screw operated end stops
V	Reversal slowdown	O	Stopping
C	Scale	O1	Pneumatic restart
S	Set screw	O2	Electro-magnetic restart
Z	Worm drive	LZ	Roller style load carrier

Timing Belt Drives

AZ Series

Model	AZ 1010	AZ 2000	AZ 2001	AZ 2004	AZ 2005
Load Capacity(kg)	1-10	1-9	1-50	1-60	1-60
Ideal Torque(Nm)	0.1	0.35	0.35	0.7	0.9
Timing Belt Type	009MR3	015MR3	015MR3	025MR5	030MR8
Width(mm)	9.0	15.0	15.0	25.0	30.0

Traverse & Winding

RS NUT

Features		
● Backlash-free	● Low maintenance	
● Resistant to vibrations	● Free-movement lever	
● Compact design	● Good sealing possibilities	
● Overload protection	● Linked nuts for higher side thrust	
● High-efficiency	● Left-and right-hand pitch on the same shaft	
● Quiet in operation		

RS NUT Types

Model	RS 3-10-4	RS 4-10-4	RS 4-15-4	RS 4-20-4	RS 4-25-4	RS 4-35-4	RS 4-50-3	RS 4-60-3
Shaft Diameter (mm)	10	10	15	20	25	35	50	60
Weight (kg)	0.14	0.18	0.23	0.55	0.10	1.55	2.70	4.20
Maximum Trust (N)	100	200	260	420	600	900	1300	2000
Torque (Ncm)	1.8	3.0	5.0	10.0	20.0	45.0	140.0	200.0
Pitch (mm)	5.0	5.0	7.5	10.0	12.5	17.5	25.0	30.0

Fast Clamping Mechanism

UC10-UC16

UC20-UC22
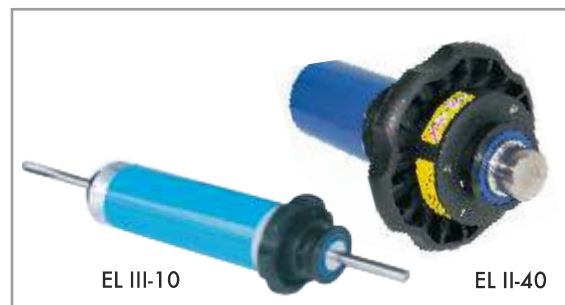
EL III-10   EL II-40

U Clip

Model	UC8	UC10	UC12	UC15	UC16	UC20	UC22	UC25	UC30
Hole Diameter (mm)	8	10	12	15	16	20	22	25	30
Tension (N)	200	250	350	350	380	320	320	420	420
O-Ring	22 X 1.5	22 X 1.5	22 X 1.5	22 X 1.5	22 X 1.5	27 X 1.5	27 X 1.5	46 X 2.0	46 X 2.0

Easy lock – EL-III/II

Model	EL-III-10	EL-III-12	EL-III-15	EL-III-16	EL-III-20	EL-III-22	EL-III-25	EL-III-30	EL-II-35	EL-II-40
Hole Diameter(mm)	10	12	15	16	20	22	25	30	35	40
Tension(N)	400	500	700	800	1000	1000	1800	2800	4000	5000
Weight(kg)	0.23	0.21	0.23	0.26	0.25	0.24	0.72	0.76	2.16	1.60

LASER

Measurement & Control

LaserScan

LaserScan diameter gauges are legendary for their consistently accurate diameter measurements, minimal maintenance and extraordinary reliability. It caters to few of the applications as under:

- Wires & Cables • Optical Fibre Cables • Medical Tube
Tubular Glass • Plastic Tube & Pipe • Metal Tube & Pipe
- Rubber & Plastic Hoses • Rod & Bar • Strip & Ribbon • Rope & Wire
Rope • Sleeves • Mono Filament • Pins & Gauges • Metallurgy

Capabilities

- High Accuracy
- Easy to operate
- Various I/O
- Remote display
- Feedback Control
- Alarm
- On Line/Off Line Applications
- Low ownership cost
- Fast pay back

Measurement Specifications

Model No.	LS8110	LS8130	LS8140	LS8180	LS8210	LS8220	LS8225	LS8240
Measurement Range	0.1-10	0.1-30	0.1-40	5-80	0.1-10	0.1-20	0.1-25	0.1-40
Measuring Precision	±0.001	±0.001	±0.001	±0.005	±0.001	±0.001	±0.001	±0.001
Scanning / Axis	600	600	600	600	1200	1200	1200	1200
Voltage	AC 220	AC 220	AC 220	AC 220	AC 220	AC 220	AC 220	AC 220
Power	10 W	10 W	10 W	12 W	12 W	12 W	12 W	12 W
Ambient Temp.	$45^{o}C$	$45^{o}C$	$45^{o}C$	$45^{o}C$	$45^{o}C$	$45^{o}C$	$45^{o}C$	$45^{o}C$

* All Measurements in mm

Applications

LASER

Measurement & Control

FineScan

FineScan is another addition to our diameter gauge series known for its low cost and user friendly interface and has been specially designed for applications requiring OD Measurement of fine products such as :

- Wire Galvanizing & Enameling
- Monofilament
- Fly Fishing Line

FineScan

Measurement Specifications

| Measurement Range	0.02 to 1.00 mm
Measurement Precision	+/-0.0005 mm
Scan Rate	2000 Scans/sec.
Repeatability	+ /- 0.0005 mm
Power Requirement	220 volt AC + /-5%
Ambient Temperature	Under 50°C

Capabilities

- High Accuracy
- Easy to operate
- Various I/O
- Remote display
- Alarm
- On Line/Off Line Applications
- Low ownership cost
- Fast pay back
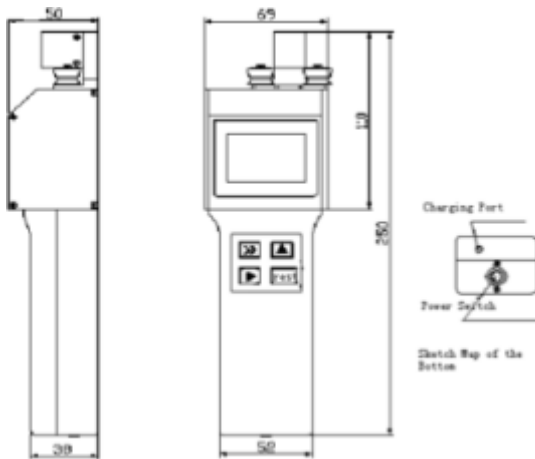
FineScan (HH) Mobile with LCD Multi-lineDisplay

(Specifications same as above)

Applications

LMI INDIA
PRECISION TO PERFECTION
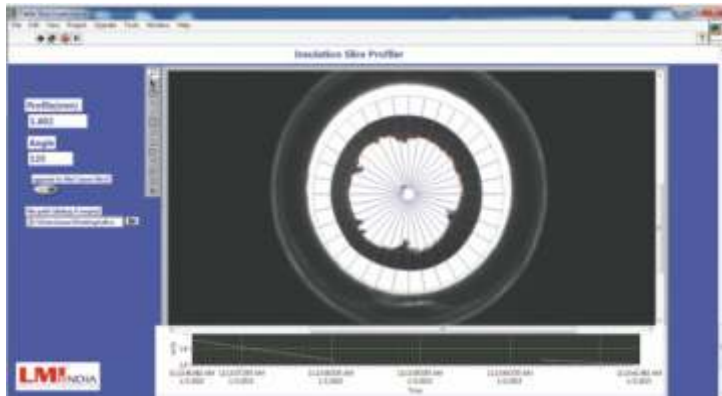An ISO 9001:2015 TUV Nord Certified Company
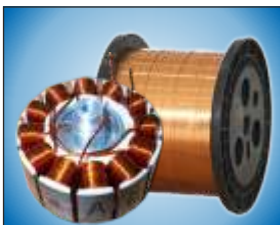
Measurement & Inspection

VPro - Insulation Slice Profiler

VPro — a high resolution vision based system and supported by a touch screen PC software. The customer can benefit in instantly knowing the cross-section of the insulation (slice) geometry to ascertain that produced cable is well within specifications.
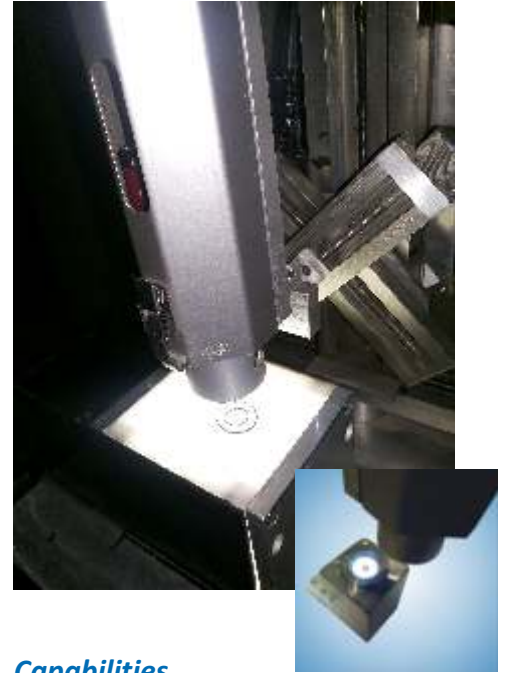
VPro offers 360 degree Measurement with 1 degree resolution with Zoom in & Zoom out functionalities.

Capabilities

- Precise Measurement of Profile
- 360 degree Measurement with 1 degree resolution
- Measurement & Distinction of Colour Band with Analysis
- Zoom in Option
- High Accuracy
- Highest Repeatability
- Modular Design
- Reliable & Rugged
- 15" TFT Touch Screen
- Easiest Operation
- Data-logging & Report Generation
- Various I/O
- Low Ownership Cost

Technical Specifications

Model	VPro-10	VPro-25
Measurement range	1-10mm	5-25mm
Accuracy	0.05 um	0.05 um
Working Distance	600-800mm	800-1000mm
Working Voltage	220V	220V
Temperature	50 degree C	50 degree C

**Higher size also available on request*

Applications

Measurement & Inspection

WAD Detection

WDM 2 — Wad Detection Machine employs Laser Technique to detect the presence /absence of wad inside the cap taking into account the following critical Parameters of the WAD to accept /reject the cap besides logging the data on real time basis.

These parameters are vital in the pharmaceutical/ Food industry for in-process analysis.

All the food and pharma products are meant for safe consumption of the consumer and the manufacturers desire that product remains usable till its expiration period. A Wad is a flexible pad inserted in the plastic or glass bottle cap. The wad serves the main purpose of complete and tight sealing of the cap onto its container thus preventing any spillage and long shelf-life of the product.
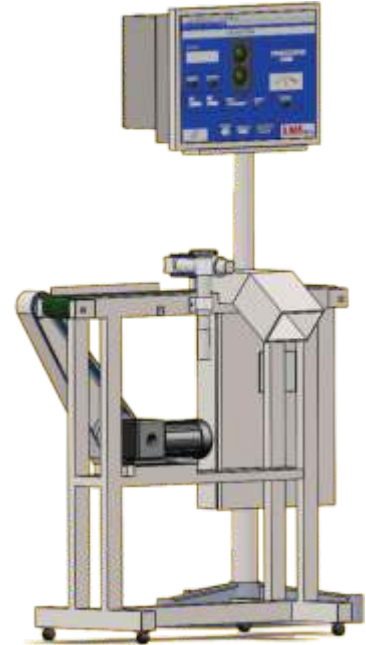
Wad Detection Machine- CONFIGURATION

S.No	Cap Size mm	Belt Speed MPM	No. of CPM	InterGap of Cap mm	Caps per measuring Area (400mm)	Pusher Action			Product Count
						0WAD	1WAD	2WAD	
01	Ø38	18	180	40	5	Reject	Accept	Reject	Batch wise
02	Ø44	18	180	40	5	Reject	Accept	Reject	Batch wise
03	Ø54	18	180	40	4	Reject	Accept	Reject	Batch wise

Measurement & Inspection

ProfileScan

ProfileScan — Profile Measurement System employees Laser Technology to measure the following critical Parameters of the Tread besides logging the data on real time basis. These parameters are vital in the tyre industry for in process analysis.

The system comprises of a Laser Transmitter and Receiver unit mounted firmly on a Rigid C steel frame and a smooth traverse mechanism to move the product gently at steady speed while the scan is being done. Suitable guides are there so as to guide the products one-by-one in a line. A servo motor drive unit is driving the system. The ScanPro software displays all the measured images in real time basis and plotted graphically for a easy and quick analysis by the QC supervisor.

Capabilities

- Tread Thickness • Over All Width
- HUMP Width • Centre Line Gauge
- Buttrest Gauge • Buttrest Distance
- Shoulder Gauge • Tread Thickness Graph
- Tread Real Time Data Log

Specifications

- Thickness Measurement Range: 25 80 mm
- Width Measurement Range: 900 /1500 mm
- Line Speed: Fixed
- Accuracy: 0.1%
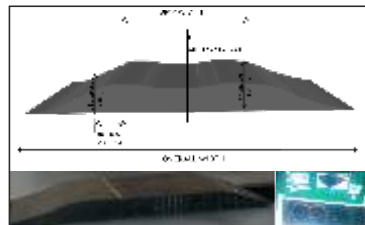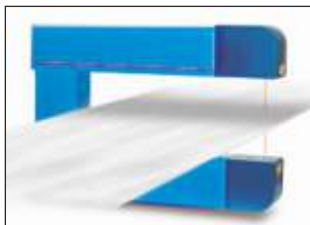- Resolution: 1/100 mm

Applications

- Tread Profile Measurement
- Panel and Board Measurement
- Sheet and Calendar Measurement
- Gypsum Board
- Wood Panels
- Slabs & Sheet
- Plywood

Measurement & Inspection

ScanLength

Scan Length is a standalone heavy duty Length measurement system. System consists of Timing belt device that can form a firm grip on the long product being measured from low to high line speed. The Bidirectional feature takes care that absolute length is measured accurately and displayed. The complete unit includes product guide rolls; digital encoder and programmable display unit, protective enclosure and sturdy height adjustable mounting stand. The display device has suitable contact output to trigger a stop, inch signal to a PLC.

Product Diameter range - 2mm upto 120 mm*.

Measurement accuracy - 0.05% of total length.

Capabilities

- Accurate Measurement of Length & Speed
- Modular Design
- Highest Reliability
- Excellent Performance
- Catering to wide Product Diameter Range
- Fast Payback
- Easiest Operation
- Bi Directional

Specifications

SL 9010	SL 9030	SL 9050	SL 9120*
Diameter Range : 2mm-10mm	Diameter Range : 5mm-30mm	Diameter Range : 5mm-50mm	Diameter Range : 10mm-120mm
Speed : Upto 500mpm	Speed : Upto 300mpm	Speed : Upto 300mpm	Speed : Upto 100mpm

Stacker/Feeder/Conveyors

LMI offers customised conveyors - both belt & roller in different configurations such as fixed or of variable speed depending upon the applications / customer specification

Conveyor

Technical Specifications

Model	FMC650-312	FMC-650-922
Product Range	80mm ~ 300mm	225mm ~ 550mm
Min. Product Width	80	225
Max. Product Width	300	550
Feed Rate	73 m/min	73 m/min
Product / min	180*	180*
Conveyor Speed	83 m/min	83 m/min
No. of Lines	X	X
GSM	0.15 to 4 mm	0.15 to 4 mm
Printing Area	X	X

*Product Length 280mm   *** Without Printing Solutions
** Conveyor Length 2 meter (standard); customised as per Application

Track & Trace

LMI provides entry level barcode printers and scanners with software for traceability of the products and consumables such as labels and thermal foils. The label size ranging from 10mmx20mm upto 100mm x150mm

Flowpack Machine - Horizontal

LMI offers Horizontal Flow Pack machine with film loaded from the top. The product contact points are in stainless steel. Inbuilt 2 meter conveyor with nylon pushers for feeding and 1 meter conveyor for moving the sealed unit.

Capabilities

• Brushless servo motors with servo drives.
• Longitudinal sealing
• Reed holder with expanding shaft.
• Easy Operations with touch screen panel.
• Remote troubleshooting via Ethernet port.
• European design with CE confirmation

Rewinder

Implementation of Marking & Coding on laminates becomes easier with LMI Rewinder 9050, which offers automatic web aligner and side loading of roll, catering to wider range of web width. Also, this Winder is suitable for various coding technologies to mark/print variable information such as Batch Code, Date Code , Barcode, etc.

Specifications

WRM 9500		Core Diameter : 76 mm
Application : Laminate Roll Winding		Motor : AC Motor 2 HP Bonfiglioli (Italy) or equivalent
Loading : Side Loading		Gear : Bonfiglioli (Italy) or equivalent
Web Aligner/Edge Guiding System : Automatic		Drive : Variable Speed Fuji (Japan) / equivalent
Speed : Variable Up to 80 MPM		Frame : Painted MS Body
Shaft & Pulleys : Nichrome Coated		Dimension : 5'X48'X4'
Width of Roll : Adjustable from 100 to 400 mm		

Tread Marking / Laminate Marking

Industrial Tread Marking Machine employed to Mark Alphanumeric Text on the Tread for in-process identification & tracking. The marking machine can be configured employing robotic arm to mark on the laminate in rotary motion.

Applications

- Tread Marking
- Laminate Marking
- Sidewall Marking
- Sheet / Calendar Marking
- Bambury Mix Marking
- Run-out Test Spot Marking

Laminate Marking With Robotic Arm

Tread Marking

... for Industrial Automation – Count on Us!

Functions & Applications

Industrial Area	Coating	Feeding	Manipulating	Measuring & Testing	Opening / Closing	Positioning	Cleaning	Cutting / Parting	Spraying	Sequencing	Linking	Spreading	Winding	Mixing	Marking	Coding	Numbering/ Serialization	Verification	Print & Apply	Fastening & Clamping
Automation			•			•				•	•				•	•	•	•	•	
Automobile	•	•	•												•	•	•	•	•	
Beverage															•	•	•	•	•	
Braiding Machinery													•							•
Dairy						•									•	•	•	•	•	
Electrical			•			•				•	•				•	•	•	•	•	
Electronics						•									•	•	•	•	•	
Extrusion			•					•							•	•		•	•	•
Foil								•					•		•					
Food							•	•	•			•			•	•		•	•	
Glass	•		•						•						•	•		•		
Logistics												•			•	•	•	•	•	
Metals															•		•		•	
Packaging	•				•	•				•	•		•		•	•	•	•	•	
Paper/Cardboard	•		•					•							•	•	•		•	
Parts & Components			•			•									•	•	•	•	•	
Pharmaceutical		•	•				•	•						•	•	•	•	•	•	
Pipes / Tubes			•												•	•	•	•	•	
Printing/Press					•			•							•	•	•	•	•	•
Textile									•			•	•					•	•	
Tools			•			•									•	•	•	•	•	
Tyres			•					•				•			•	•	•	•	•	
Varnishing	•								•						•	•			•	
Ware Housing															•	•	•	•	•	
Wire & Cable			•										•		•	•	•	•	•	•

Our Patrons........