



PACKTRONIC

EXCELLENCE IN TRACEABILITY

RYNAN L-UV10

Precision UV Marking. On-the-Fly Performance

The RYNAN L-UV10 is an industrial UV laser marking system designed for on-the-fly high quality code marking directly on moving production lines, featuring a water-cooled architecture with a separated laser head and controller for stable, high-precision, reliable performance on pharmaceutical and flexible packaging films. Built for seamless integration, multi-system connectivity and centralized control across multiple production lines via H-MCS.



UV Laser for precision & indelible marking on packaging.
Ideal for pharmaceuticals and plastic packaging materials.

RYNAN L-UV10

- High-resolution, high-contrast on-the-fly marking for production lines
- Multi-line management via H-MCS software platform
- Separated laser head & control unit for flexible integrations
- Water-cooled system for stability with continuous operations



TECHNICAL SPECIFICATIONS

RYNAN L-UV10

Marking Technology	Solid nanosecond UV Lasers (355nm)	
Product Dimensions	Controller: 396 x 160 x 320mm	Laser Head: 663.9 x 160 x 160mm
Product Weight	Controller: 7kg	Laser Head: 16.5kg
Laser Output Power	10W	
Power Supply	110 - 230VAC 3A	
Marking Speed	900 cps (Application Dependent)	
Cooling Method	Water Cooling	
Focal Length	100 - 400mm (Fixed by Lens Focal Length)	

FEATURES

Wide Range Of Marking Types	Text • Counter • Box/Lot • Datetime • Expiry Date Julian Date • Shiftcode • Image • Database 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Marking Field	140 x 140mm (Adjustable by Marking Lens)
Connections	2 x USB 2.0 • Ethernet RJ45 Spare IO (5 Input, 7 Output) • RS232, RS485
Marking Mode	Static • Marking on the fly (MOF)
Operating Environment	Temperature 10 - 40°C, Humidity 40 – 80%, Non-condensing
Others	• POD (Print online data) Integrate with other devices PLC, Camera, Checkweigher) via RJ45
Chiller Requirements	• Cooling capacity > 580W • Water flow rate > 6 L/m • Water tank temperature control 25 ± 0.3 °C • Water pipe outer diameter 10mm
Messages Capability	• 8 GB on disk (Available for use)
Rotary Encoder	• Supported (NPN Type)
External Sensor	• Supported (NPN/PNP Type)
Power Density	• Adjustable from 0 - 100%
Markable Surfaces	• Flexible film, Ceramic, Glass, Fabric, Coated paper, Metal
Fonts & Texts	Windows TrueType Fonts
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Portuguese, Spanish, Polish, Greek and Italian (and others)

