



## Professional Packaging Systems

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## Contact

Our Packaging Experts  
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# Videojet 7920 UV Laser Marking System

## At a Glance

- Codes white HDPE containers as well as recyclable products such as mono-materials
- Speeds up to 2,000 characters per second
- Excellent code quality
- Seamlessly incorporates into existing lines



## Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

## UV Laser Marker Delivers Permanent Codes for Product Traceability

The Videojet 7920 UV laser marking system delivers superior codes on classic UV laser applications such as white HDPE containers. The 7920 UV laser marker also codes products with enhanced potential for recyclability and other sustainability features, such as mono-materials. This UV marking system helps manufacturers meet the demands of eco-conscious consumers and regulators.

With speeds up to 2,000 characters per second and excellent code quality, the 7920 UV laser system is backed by rigorous testing and expert Videojet service.

## Benefits

**Optimized Operation** Videojet SmartFocus technology auto-adjusts the focal distance, eliminating manual focus adjustments and improving marking quality across various sizes and substrates.

**Confidence in Code Quality** Videojet SourceSecure warranty offers a five-year source warranty, assuring protection of your investment for years to come.

**Flexibility** The 7920's compact design, featuring one of the smallest UV laser footprints in the industry, delivers flexibility for a wide range of applications.

**Seamless Integration** Stay connected with enhanced cellular and Wi-Fi connectivity for secure remote access and analytical capabilities. Compact and flexible beam turning units adapt to production environments with tight spaces.

**Challenge-Ready** Available in both IP54 and IP65 configurations, the 7920 delivers reliable performance in tough industrial conditions.

## Sustainability Support

The Videojet 7920 supports a shift toward mono-materials, efficient production, and regulatory compliance without compromising quality or performance.

The Videojet 7920 UV marking system is perfect for manufacturers aiming to:

Use flexible films and certain mono-materials that are designed to be more easily recycled  
Eliminate consumables like inks and thermal transfer ribbons

Videojet laser marking systems are virtually maintenance-free, enhancing machine availability, helping to achieve OEE goals and reducing waste. Marking more products quickly and efficiently, proprietary Videojet galvo control boosts speeds and reduces energy consumption.

Please [contact Pro Pac](#) or call 888-318-0083 for your printing and date-coding equipment.

## Specifications

Specification	Value
Marking Fields	F203: 91.0 x 113.2 mm <sup>2</sup> (244 mm nominal working distance) F290: 135.5 x 149.1 mm <sup>2</sup> (344 mm nominal working distance) F460: 235.1 x 355.8 mm <sup>2</sup> (591 mm nominal working distance)
Marking Heads	SHU-SF
Marking Speed	Up to 2000 characters per second
Laser Source / Wavelength	4W UV / 355nm
Beam Deflection	Standard, BTU
Beam Orientation	0 to 360°, straight out
Marking Formats	Standard industrial fonts (Type 1 Windows TrueType) and single line fonts Machine readable codes (OCR, 2D-matrix, etc.) Bar codes: BC25, BC251, BC39, BC128, GS1-128, EAN13, UPC_A, RSS14, RSS14 Truncated, RSS14 Stacked, Omnidirectional, RSS Limited, RSS Expanded, etc. 2D codes: DataMatrix, DMRE, GS1, QR Graphics, logos, symbols, etc. Linear, circular, angular, reverse, rotate Sequential and batch numbering Automatic date, layer, and time coding; real-time clock Dot mode enables marking 2D codes faster than traditional grid mode
Operator Interface	SmartGraph, TCS+ (TU440), CLARiTY

TCS+ Browser-enabled software for intuitive creation of complex jobs on standard web browser compatible devices Support for 30 languages Full user access control and role definition Event log for history of user interactions Graphical guided line setup wizard Easy system and parameter configuration WYSIWYG editor

Smart Graph Software	Graphic-orientated user interface for Windows Text / data / graphics / parameter editor Configurable in 30 languages, e.g. in German, English, Japanese Easy import functions for the most important file formats (dxf, jpg, ai, etc.)
Language Capabilities	30 language kits supported
Communication	Network interfaces (LAN, WLAN, optional Wi-Fi and LTE Cellular)
Electric Requirements	100VAC to 240VAC (autorange), 1-phase
Power Consumption	360VA
Cooling System	IP54: integrated air cooling IP65: external cooling unit
Environment	Ambient temperature: 5-40°C Relative humidity: 10-90%, non-condensing
Sealing and Safety Standards	IP54, IP65 (optional)
Approximate Weight	Supply unit: 12 kg Marking unit: 20kg
Marking Unit Dimensions	189W x 159.5H x 655L mm (including marking head)
Supply Cabinet Dimensions	335W x 400H x 147L mm
Applicable Certifications	CE, TÜV/NRTL, FCC, KC Compliance (no certification required): ROHS, CDRH/FDA

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