

## R10e & MAXe: Excellence in Traceability



The R10e MAXe system represents a breakthrough in industrial printing technology, combining a cost-effective touch screen controller with a powerful one-inch thermal inkjet printhead. Designed for large outcase printing applications, this system delivers professional-grade marking and coding solutions for manufacturing, packaging, and logistics operations.

### Intelligent Controller

The R10e controller features a 7-inch LCD resistive touch screen with intuitive WYSIWYG interface. Compact dimensions of 195 x 151.7 x 51mm and lightweight 1,100g design make installation flexible. Powered by DC 24V 2.5A (60W), it supports data upload, backup, and recovery via USB.

### Precision Printhead

The MAXe printhead utilizes one-inch TIJ technology with maximum 300 x 600 DPI resolution. Weighing just 390.77g with dimensions of 190.4 x 52.58 x 104.96mm, it achieves print speeds up to 76m/min at 300x300 DPI with throw distance up to 5mm.



#### Advanced Barcoding

Supports 1D and 2D barcodes including Code 11, Code 39, Code 128, EAN, QR, Datamatrix, and CSI Datamatrix for comprehensive product identification.



#### Database Integration

Compatible with TXT, CSV, SQL, SQLite, and MySQL databases. POD (Print Online Data) capability enables integration with PLC, cameras, and checkweighers via RJ45.



#### Multilingual Support

Print in 27 languages including English, Chinese, Japanese, Korean, Arabic, Hebrew, and more. System interface available in 33 languages for global deployment.

# Comprehensive Features & Specifications

The R10e MAXe system offers an extensive range of printing capabilities designed for demanding industrial environments. With printable height up to 25.4mm and template length of 15m at 300x300 DPI, the system handles complex marking requirements with ease. The platform supports Windows true fonts and provides real-time printing with three density levels for optimal print quality across various substrates.

01

## Versatile Print Types

Text, counters, box/lot numbers, datetime stamps, expiry dates, Julian dates, shiftcodes, images, and database-driven content.

02

## External Connectivity

Built-in sensor, DVI port, external sensor support, encoder compatibility, and alarm beacon integration via standard 1.8m DVI cable.

03

## Advanced Ink Technology

Compatible with solvent-based and water-based inks featuring private Smartchip security technology for authentication and quality assurance.

04

## Reliable Operation

Operates in temperatures from 10-40°C and humidity 40-80% (non-condensing) for consistent performance in industrial settings.

## MAXe Printhead

Compact 195.50 x 104.96 x 53.58mm design with precision thermal inkjet technology.

## Contact Information

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**PRO Version Upgrade:** Unlock advanced connectivity features including integration with PLCs, cameras, and checkweighers via RJ45 networking. Contact our sales team to learn about PRO version capabilities and pricing.