

PINSTAMP® TMP4500E

Power Meets Precision



Key Features

Rugged, Low-Maintenance X/Y Platform: Built to endure tough conditions with minimal upkeep.

Compact, Contaminant-Resistant Head: Perfect for production lines where reliability is critical.

Material Versatility: Marks a wide range of materials, including plastics and hardened steel up to RC60.

Easy Integration: Seamlessly interface with PLCs and host computers to streamline operations.

Interchangeable Marking Pin Sizes: Adjust marking depth between 0.001" to 0.018" (0.03 mm to 0.34 mm)

High-Speed Performance: Mark up to five characters per second to maximize production efficiency.

Automated Marking Functions: Automatically generate serial numbers, time, date, and shift codes.



Performance Specifications

Material Compatibility	Soft plastics to hardened steel (up to RC60)
Marking Depth	0.001 in to 0.018 in (0.03 mm to 0.34 mm)
Pattern Storage	Hundreds of patterns
Connectivity	PLC, host computer interface
Available Models	TMP4500E

Options + Accessories

Marking Head Extension Cables
System Computer
Touch Screen Controller
Various Marking Pins

Easy to Use

Powered by an electric drive, the TMP4500E provides a cleaner, more energy-efficient marking solution without compromising power or durability. Its industrial-grade construction withstands harsh environments, ensuring long-term reliability.

Marking Area



Head Dimensions

H x W x D
9.62 in x 7.16 in x 10.96 in
244.22 mm x 181.78 mm x 278.45 mm



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Electric Precision

The Telesis TMP4500E delivers high-performance pin marking with the efficiency and reliability of an electric-driven system. Designed for precision and consistency, it eliminates the need for air supply, reducing maintenance and increasing uptime. Whether used for part identification, traceability, or branding, the TMP4500E ensures clear, permanent marks on a variety of materials.

Easy Automation

Designed for versatility, the TMP4500E excels as a handheld marking solution, perfect for on-the-go applications and hard-to-reach parts. Its lightweight, compact design makes it easy to maneuver, while advanced pin control delivers consistent, high-quality marks on a variety of surfaces and shapes. With multiple pin options and rapid marking speeds, it's built to meet the demands of dynamic, hands-on manufacturing environments.