

Kerning Model KDS-150 MICR Encoder



The **Kerning Model KDS-150 MICR Encoder** offers an economical alternative to produce high quality impact MICR printing on your continuous forms print jobs. Using its latest generation electronics, the KDS-150 is controlled from a single circuit card, making sparing and replacement simple for user-maintained installations. With easy-to-use PC-based print control software, the KDS-150 MICR encoder can be operated as a standalone unit or can be combined with an impact text printer or non-impact printer for a complete tandem check personalization system. The Kerning MICR encoders offer rugged 24-hour-duty-cycle performance with throughput up to 10,000 checks per hour with the industry's lowest cost of ownership.



INNOVATIVE SOLUTIONS IN MICR PRINTING

The KDS-150 offers the small check producer an economical and simple way to produce high-quality, high-security impact printed checks without making a large investment. The KDS-150 will smoothly handle most types of continuous forms up to 3 copies. Checkbooks, coupon books, payroll and accounts payable checks, lottery tickets and other financial documents may be printed with the KDS-150 MICR Encoder.

Split character set print drums may be ordered, permitting the user to print bold Gothic serial numerals at the same time as MICR characters.

Kerning's innovative system of variable hammer impact energy assures that each character is printed consistently with the exact energy required, eliminating debossing rejects. User-selectable hammer energy levels permit the operator to adjust to different forms thicknesses and multipart forms sets.

Kerning innovations in ribbon advance control offer substantial savings in consumables cost. The ribbon step distance is extremely precise and user-programmable, which yields more lines per ribbon. Each 1,250 foot ribbon can print up to 120,000 documents, resulting in less down time for ribbon change. Special security ribbons with penetrating and fluorescent pigments are available on request for enhanced security requirements.

The printer has been designed for maximum ease of operation and maintenance. A single circuit card controls all printer functions, and offers automatic electronic flight time adjustment for improved MICR line straightness. A 7 inch LCD touchpanel displays all menus and status messages in easy to understand language.

The KDS-150 MICR Encoder comes standard with three interfaces: USB, RS-232C serial, and TCP/IP Ethernet.



MODEL KDS-150 SPECIFICATIONS

Print Field	56 columns (7 inches)
Document Throughput:	Up to 170 DPM (10,000 per hour) (1 line on 3.0" document)
Horizontal Pitch:	8 Characters per Inch
Vertical Line Spacing:	6 or 8 lines per inch
Maximum Forms Width:	15 inches edge to edge
Paper:	Single part continuous pinfeed forms, 24 lb. MICR bond (90 gm.) Multipart forms subject to test.
MICR Ribbon:	Max. length up to 1,250 ft., width variable
Number of Checks per Ribbon:	120,000 approximately on 1,250 ft. ribbon
Ribbon Step Distance:	User-Programmable, .145" ±.025"
MICR Drum Fonts:	E13B or CMC7 or MICR/Gothic split
Printer Interface:	USB, Ethernet TCP/IP, RS-232C Serial
Power Requirements:	Single phase 115VAC ±10% 60 Hz or 230VAC ±10% 50 or 60 Hz
Power Consumption:	150W while printing
Dimensions:	49" H x 26" W x 26" D
Weight:	170 lbs.
Environmental Conditions:	10° C to 30° C, 30% to 70% humidity, (non-condensing)
Warranty	12 months – parts only

Specifications subject to change without notice.



Kerning Data Systems, Inc.

20801 Dearborn Street, Chatsworth, CA 91311-5916

Tel: (818) 882-8712 Fax: (818) 882-6532

www.kerningdata.com