

Kerning 300 and 600 MICR Encoders



*The **Kerning Model KDS-300 & Model KDS-600 MICR Encoders** offer high quality impact MICR printing to your continuous forms print jobs. With easy-to-use PC-based tandem control software, these MICR encoders can be operated as standalone units or can be combined with impact text printers or non-impact printers for complete check personalization. The Kerning MICR encoders offer rugged 24-hour-duty-cycle performance with throughput up to 600 checks per minute with the industry's lowest cost of ownership.*



The *Kerning MICR Encoders* will smoothly handle most types of continuous forms, up to three part carbonless. Checkbooks, coupon books, payroll and accounts payable checks, lottery tickets and other financial documents may be printed with the *Kerning MICR Encoders*. Custom fonts may be ordered, permitting the user to print bold Arabic serial numerals at the same time as MICR characters.

Kerning's proprietary hammerbank technology combined with its advanced microelectronics gives the MICR encoders a more compact design and substantially reduced power consumption. Its innovative system of variable hammer impact energy assures that each character is printed consistently with the exact energy required, eliminating debossing rejects.

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 190 yard ribbon can print up to 100,000 documents, resulting in less down time for ribbon change. The *RibbonSaver*,™ an innovative Kerning feature, reduces ribbon consumption by as much as 50 percent by advancing the ribbon *only when necessary* to economize on those applications where print columns do not overlap from one line to the next.

The operator control panel has been designed for maximum flexibility. Job parameters such as form length, lines per inch, or ribbon step increment may be directly input from the keypad, or downloaded from the host to eliminate operator setup errors. A 16 character LCD displays all menus and status messages in easy to understand language.

The *Kerning MICR Encoders* come standard with three interfaces: RS-232C serial, Dataproducts parallel and Centronics parallel.



SPECIFICATIONS

Model 300	56 columns
Model 600	120 columns
Document Throughput:	Up to 600 DPM (1 line on 2.75" document, two wide)
Horizontal Pitch:	8 CPI
Vertical Line Spacing:	6 or 8 lines per inch
Maximum Forms Width:	21.5 inches
MICR Ribbon:	190 yards, up to 2,500 ft., width variable
Number of Checks per Ribbon:	KDS300: 50,000 approx. KDS600: 100,000 approx.
Ribbon Step Distance:	User-Programmable, .145" ±.025"
MICR Drum Fonts:	E13B or CMC7 or MICR/Gothic split
Paper:	Single part pinfeed, 24 lb. MICR bond
Power Requirements:	Single phase 115VAC ±10% 60 Hz or 230VAC ±10% 50 or 60 Hz
Dimensions:	48" H x 36" W x 40" D
Weight:	530 lbs.
Environmental Conditions:	10° C to 30° C, 30 to 70% humidity (non-condensing)
Warranty	12 months – parts

Specifications subject to change without notice.



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