

Data Collection Tools

ENHANCED PERFORMANCE FOR FASTER DATA COLLECTION

Fast

The Scantron Evolution Scanners (ES) Series of Optical Mark Readers scans information directly from forms into the computer at speeds of 2,000–2,800 pages per hour, depending on the model. This facilitates fast and accurate form processing unattainable through manual key entry.

Accurate

A continuous, automatic readhead calibration and user-defined mark sensitivity levels on the ES Series add to data accuracy by enabling the machine to recognize poor quality marks while being able to tell the difference between actual marks and error corrections.

Built-In Intelligence

The ES Series has a built-in intelligence component that allows it to remember form definitions while the scanner is off, eliminating the need to download definitions multiple times..

Additional Features

Depending on the model selected, additional features are available. Optional features include: automatic document feeder, printer, bar code reader, ink readhead, dual readhead, and utility software.



SCANMARK ES2260



SCANMARK ES2260



SCANMARK ES2800

Reader	ES2010	ES2260	ES2800
Max Scanning Speed	2,000 forms/hour	2,200 forms/hour	2,800 forms/hour
Max Scan Area	48 x 108 marks	48 x 108 marks	48 x 108 marks
Read Technique	Reflective Read	Reflective Read	Reflective Read
Number of Readheads	One	Two	One or two
Readhead Channels	40 or 48	40 or 48	40 or 48
Mark Discrimination	100 - level, user-set threshold and discrimination difference with 16-level mark darkness transmission	100 - level, user-set threshold and discrimination difference with 16-level mark darkness transmission	100 - level, user-set threshold and discrimination difference with 16-level mark darkness transmission
Marks	Marks by No. 2 pencils, computer, IMR pre-slugs, preprinted lithocode	Marks by No. 2 pencils, computer, IMR pre-slugs, preprinted lithocode	Marks by No. 2 pencils, computer, IMR pre-slugs, preprinted lithocode
Mark Shapes	Rectangle, ovals, and circles	Rectangle, ovals, and circles	Rectangle, ovals, and circles
Input	Manual Feed	Manual Feed	Automatic Document Feeder (ADF)-150 sheets
Output	250-sheet hopper	250-sheet hopper	2 x 180 in each bin
Dimensions L x W x H	31" x 14" x 6" (79 x 36 x 15 cm)	31" x 14" x 6" (79 x 36 x 15 cm)	31" x 14" x 6" (79 x 36 x 15 cm)
Weight	12 lb. (5.6kg)	12 lb. (5.6kg)	17 lb. (7.7kg)
Power Requirements	110-240 VAC, 50/60 Hz	110-240 VAC, 50/60 Hz	110-240 VAC, 50/60 Hz
Noise	Office Environment, <5dB	Office Environment, <5dB	Office Environment, <5dB
Calibration	Automatic, on-line, continuous self-calibration	Automatic, on-line, continuous self-calibration	Automatic, on-line, continuous self-calibration
Processor	Motorola 68340 (25MHz)	Motorola 68340 (25MHz)	Motorola 68340 (25MHz)
Memory	512 KB	512 KB	512 KB
OPERATING CONDITION			
Temperature	45 - 90 F (7 - 32 C)	45 - 90 F (7 - 32 C)	45 - 90 F (7 - 32 C)
Relative Humidity	20 - 80% non-condensing	20 - 80% non-condensing	20 - 80% non-condensing
INTERFACE			
Communication Interface	RS-232C Serial Interface or USB Cable	RS-232C Serial Interface or USB Cable	RS-232C Serial Interface or USB Cable
Data Output Format	Asynchronous ASCII	Asynchronous ASCII	Asynchronous ASCII
Baud Rate	4,800 to 38,400 bits/sec	4,800 to 38,400 bits/sec	4,800 to 38,400 bits/sec
FORM			
Paper Weights	60 lb. - 100 lb. (90-148 g/m ²)	60 lb. - 100 lb. (90-148 g/m ²)	60 lb. - 100 lb. (90-148 g/m ²)
Paper Size	2.25" x 6" (5.7 x 15.2 cm) to 8.5" x 14" (21.6 x 35.6 cm)	2.25" x 6" (5.7 x 15.2 cm) to 8.5" x 14" (21.6 x 35.6 cm)	2.25" x 6" (5.7 x 15.2 cm) to 8.5" x 14" (21.6 x 35.6 cm)
Transport Speed	15 in./second	15 in./second	15 in./second
SOFTWARE			
Operating Software	Built-in form translation software translates mark information into application program-compatible data, permits user-defined edit checks and stores multiple form descriptions	Built-in form translation software translates mark information into application program-compatible data, permits user-defined edit checks and stores multiple form descriptions	Built-in form translation software translates mark information into application program-compatible data, permits user-defined edit checks and stores multiple form descriptions
OPTIONS			
Automatic Document Feeder 150 sheets, automatic double sheet detection	Optional	Optional	Included
Printer	Up to 100 characters	Up to 100 characters	Up to 100 characters
Bar Code Reader	UPC/EAN/JAN, 3 of 9, Interleaved 2 of 5, Codabar, Code 128	UPC/EAN/JAN, 3 of 9, Interleaved 2 of 5, Codabar, Code 128	UPC/EAN/JAN, 3 of 9, Interleaved 2 of 5, Codabar, Code 128
Ink Reader	Blue and black ballpoint pens, markers and pencils	Blue and black ballpoint pens, markers and pencils	Blue and black ballpoint pens, markers and pencils
Utility Software	ScanBook software generates form translation commands from user-defined descriptions	ScanBook software generates form translation commands from user-defined descriptions	ScanBook software generates form translation commands from user-defined descriptions
Dual Readhead	Not Available	Included	Optional

Product information's subject to change without notice.

Please visit us at www.scantron.com for a complete overview of ScanMark system requirements or call us at 1-800-SCANTRON for more information.