



High Grade Technology For Efficient Data Collection

SCANTRON'S VERSATILE ES2800 OPTICAL MARK READER (OMR)

REPRESENTS THE LATEST TECHNOLOGY DESIGNED FOR HANDLING EVERYDAY DATA COLLECTION TASKS. THIS NEW OMR TECHNOLOGY, ALONG WITH ADVANCED PAPER HANDLING FEATURES, MAKES THE ES2800 THE PERFECT CHOICE FOR TODAY'S DATA ENTRY CHALLENGES.

Efficient

The ES2800 scans information directly from forms into the computer at up to 2,800 sheets per hour, ensuring a level of accuracy and efficiency unattainable through key entry. Productivity is further enhanced by the ES2800's automatic document feeder, which eliminates the need for hand feeding.

Versatile

A special output mechanism on the ES2800 allows forms to be sorted to different locations during the scanning process. For example: Based on operator-defined criteria, scanned forms can be sorted into two separate bins, while mis-marked or incomplete forms are rejected and stopped at the top of the output platform for removal by the operator. Alternatively, rejected forms could be sent to one bin and scanned forms to the other.

To ensure data accuracy, the ES2800 allows the user to perform continuous, automatic readhead calibration and adjust mark sensitivity levels.

Intelligent

Form definitions can be stored in the scanner's memory (even while the machine is off), eliminating the need to repeatedly download a definition.

Additional Features

An LCD panel displays the status of a job, while an interactive printer (optional) can print messages or serial numbers for instant form identification. Other options include a dual readhead (which simultaneously reads both sides of a form), as well as ink and bar code-readers.

With all this functionality in one machine, it's easy to see why the ES2800 is at the top of its class.

Human Resources

- Employee Surveys
- 360-Degree Surveys
- Benefit Enrollments
- Applicant Tracking
- Employee Change of Status
- Payroll/Time Sheets

Research and Evaluation

- Marketing Surveys
- Needs Assessments
- Program Evaluations
- Competitive Data Collection

Testing and Training

- Instructor Evaluations
- Performance Evaluations
- Course Enrollments
- Teacher In-services
- Student Tests

Healthcare

- Patient Satisfaction Surveys
- Medical Histories
- Training and Assessments
- Nurse Staffing Reports
- Continuing Ed Evaluations

Forms Translation

ScanBook utility software allows the operator to create the form definitions necessary for an Optical Mark Reader to identify where mark positions are located on a form. Form definitions are further utilized to determine how the data will be translated, organized, and saved so that it can be read by any software programs you may be currently using.

ScanBook simplifies the process of creating sophisticated data records through a user-friendly interface that requires no programming experience.

Scantron Support

Like all Scantron products, the ES2800 is backed by nationwide maintenance and support.

Technical Hardware Specifications

Reader	Maximum Scanning Speed: 2,800 forms/hour Maximum Scan Area: 48 x 108 marks Read Technique: Reflective read Number of Readheads: One Readhead Channels: 40 or 48 Mark Discrimination: 100-level, user-set threshold and discrimination difference with 16-level mark darkness transmission Marks: Marks by No. 2 pencils, computer OMR pre-slugs, preprinted lithocode Mark Shapes: Rectangles, ovals and circles Input: Automatic Document Feeder (ADF) - 150 sheets, automatic double-sheet detection Output: 180 in each bin Dimensions, L x W x H: 31" x 14" x 6" (79 x 36 x 15 cm) Weight: 17 lb. (7.7 kg) Power Requirement: 110 - 240 VAC, 50/60 Hz Noise: Office environment, <55dB Calibration: Automatic, on-line, continuous self-calibration
Operating Condition	Temperature: 45° - 90° F (7° - 32° C) Relative Humidity: 20 - 80%, non-condensing
Interface	Communication Interface: RS-232C serial interface Data Output Format: Asynchronous ASCII Baud Rate: 4,800 to 38,400 bits/sec
Form	Paper Weights: 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) Transport Speed: 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
Options	Printer: Up to 100 characters Bar Code Reader: UPC/EAN/JAN, 3 of 9, Interleaved 2 of 5, Codabar, Code 128 Ink Reader: Blue and black ball-point pens, markers and pencils Utility Software: ScanBook software generates form translation commands from user-defined descriptions Dual Readhead: Simultaneously reads both sides of a two-sided form.

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.