

System Solutions



Data Collection Tools To Meet Your Evolving Needs

THE OPSCAN 10 WITH FASTER, MORE EFFECTIVE FORM HANDLING, OPERATORS ARE FREED FOR MORE PRODUCTIVE ACTIVITIES.

A Powerful, High-Performance Optical Mark Recognition (OMR) Scanner

The OpScan® 10 scanner is a powerful, high-performance optical mark recognition (OMR) scanner which includes a personal computer, ScanTools® Plus utility software, and a printer. Built for reliability and durability, the OpScan 10 scanner automatically separates scanned forms without requiring operator attention or interrupting data entry.

Activities once requiring hours of stacking and sorting can now be managed quickly and easily. Human error and time-consuming resorts are virtually eliminated. And, with faster, more effective form handling, operators are freed for more productive activities.

An optional transport printer produces messages on forms as they are scanned with no reduction of the throughput rate. Messages may be based on data read from that form, such as social security numbers, edit or batch codes, or test results.

Scanner Applications

Education

- Testing and assessment scoring
- Course scheduling
- Grade reporting
- Student, faculty & alumni surveys
- Admissions & enrollments
- Course/instructor evaluations

Business, Healthcare & Government

- Job applications & member enrollments
- Time & attendance and payroll deductions
- Training and course evaluations
- Customer, employee, and patient surveys
- Vehicle registration & incident reporting
- Patient encounter & health risk appraisals

OpScan 10 Scanner Features

The OpScan 10 scanner offers features to help ensure accuracy, speed, and ease of use.

Accuracy

- Digital read head technology helps prevent undetected degradation of read head accuracy. The OpScan 10 scanner alerts you when paper dust, erasure bits, etc., begin to build up and block read-cells, or when a read-cell degrades or fails.
- Two light sources for each read-cell minimize the effect of folds and wrinkles in forms.
- Precisely positioned read head wiping surfaces flatten wrinkled and folded forms and automatically clean the read head.
- Sixteen-level mark discrimination differentiates erasures and smudges from valid marks.
- Sheet thickness detector helps ensure that one sheet at a time is read.
- Sheet skew detection helps ensure proper registration while reading.

Speed

- A fixed, automatic feed hopper for 500 sheets eliminates continual reloading.
- Data transmission occurs as each row is scanned. A high-speed USB link to the microcomputer and simultaneous processing by ScanTools Plus software result in higher actual scanner throughput.

Ease of Use

- The computer keyboard is the primary control mechanism. A single “READY” push-button is mounted on the document transport to use while scanning.
- An open feed path provides sheet visibility at all times as well as easy access for sheet removal and transport cleaning.
- The OpScan 10 scanner accommodates both Mark Reflex® and Trans-Optic® forms ranging in size from 2.5” x 5” to 9” x 12” (60-100 lb. offset).
- Forms failing user-defined edits can be directed to a 250 sheet auxiliary output tray.
- Dual-side reflective read head for faster two-sided document scanning.
- Scanner self diagnostics quickly pinpoint any problem.

Options

The OpScan 10 scanner is available with the following optional features:

- Ink read heads to scan both pen and pencil.
- Programmable interactive printer that prints information—such as error codes, alphanumeric messages, serial numbers, validation flags, and test scores—based on data that is scanned with no effect on the throughput rate.
- Bar code attachment delivers immediate, automatic bar code identification.

Technical Specifications

Physical Description	Scanner: Length: 33”, Height: 20”, Width: 18”, Weight: 105 lbs Console Printer: Length: 17.2”, Height: 5.8”, Width: 12.4”, Weight: 11 lbs; Computer: Length: 6.6”, Height: 17.65”, Width: 17.1”, Weight: 26 lbs; Monitor: Length: 16.1”, Height: 16.2”, Width: 17.1”, Weight: 38.6 lbs
Environment	Operating Temperature: 60 to 85 degrees F Humidity: 40% to 60% relative; non-condensating Heat Dissipation: 3,900 BTUs per hour nominal
Power	Standard: 115 VAC +/-10% single phase; 60 Hz +/-5%; US 3-prong plug; 8 ft. cable; requires 15 amp dedicated circuit, singlephase Option A: 50 Hz +/-5%; 100 or 110 VAC +/-10%; US 3-prong plug; 8 ft. cable; requires 15 amp dedicated circuit, single phase Option B: 50 Hz +/-5%; 220 or 240 VAC +/-10%; US 3-prong plug; 8 ft. cable; requires 7.5 amp dedicated circuit, single phase
Operation	2.5” x 5” to 9” x 12” (60-100 lb. Offset); uses both Mark Reflex and Trans-Optic forms. Form Input Capacity: 500 sheets. Output Stacker Capacity: 500 sheets main stacker; 250 sheets select stacker. Controls: The processor keyboard is the primary control. A single “READY” push button is mounted on the transport for use while scanning. Scanning Rate: Up to 6,000 sheets per hour (Actual scanning rate depends on quantity of data read from the form and the amount of processing done on that data while scanning.)
Components	Read Head: 16 level mark discrimination; self calibrating read head; one or two-sided reflective read; Scantron .166” format Document Transport: Automatic feed; open design
Software Interfaces	The OpScan 10 scanner is compatible with ScanTools Plus software. This software allows you to maintain files and define scannable forms—plus scan, edit, validate, and display data. For added value, the software converts files of scanned data into formats compatible with other commonly used software packages, such as Microsoft® Access, Microsoft Excel, Lotus® and SPSS®.

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