



SCANTRON®

Optical Mark Reading Scanner for New York City Department of Education's Acuity Assessments

To support the New York City Department of Education's Periodic Assessment program, Scantron Corporation is pleased to provide the recommended hardware and software package that provides what you need to scan and score paper-and-pencil tests when using the Acuity™ software from CTB/McGraw-Hill. The package includes an iNSIGHT™ 4 optical mark read (OMR) scanner and the ScanTools® Plus Scan-Only utility software required to operate the scanner.

Easy, Fast, and Accurate

The iNSIGHT 4 OMR scanner is easy-to-operate, accurate, and fast. The scanner includes an automatic answer sheet feed that holds up to 100 answer sheets, and it is capable of scanning both sides of 36 answer sheets per minute. This scanner includes dual-side read head, a bar code reader that is used to read critical student and test information that can be pre-coded on the test answer sheets by CTB/McGraw-Hill to ensure the accuracy of the student identification information.

Options

To maximize the use of your scanner beyond the Periodic Assessment Program, the following options are available:

SelfScore® Option

This scanner option allows you to score teacher-made tests without the use of a computer. Tests are automatically scored and scores and incorrect answer identifiers are printed on each answer sheet as it passes through the scanner.

Prosper Assessment System Software

This software provides scoring and reporting of tests based on local or state standards. The Prosper software provides a variety of reports including disaggregation by demographic groups and comparisons over time to monitor student progress and determine the appropriate measures you need to take to ensure their success.

Ordering Information

NYSTL hardware funds may be used to purchase this scanner.

Periodic Assessment Program OMR Scanner Package with Bar Code Reader:

- FAMIS Item Number: **704802147**
- Price: **\$4,295**

SelfScore Module added to scanner at time of scanner purchase:

- FAMIS Item Number: **704802155**
- Price: **\$395**

Prosper standards-based testing software:

- FAMIS Item Number: **704802023**
- Price: **\$1,945**

You will receive your scanner within three weeks after you place your order.

The package includes an iNSIGHT 4 OMR scanner, a version of the ScanTools Plus software, dust cover, shipping, installation, operator orientation and one-year, on-site warranty. Scantron's technician will connect your scanner to the PC on which the Acuity software has been installed and show you how to use the scanner. CTB/McGraw-Hill will show you how to use the software. During the year warranty, if you have any problems with your scanner, please call 800-338-5544 and a technician will come to your school to repair your scanner at no cost to you. Ninety days before the one-year scanner warranty expires, Pearson will contact you to discuss renewal pricing.

If you have questions, or would like more information, please contact Marion Wynne at 845-268-0095 or marion_wynne@scantron.com.

Software Interface

The iNSIGHT OMR scanner, when connected to a personal computer, is driven by a version of the ScanTools Plus utility software which is provided with the scanner. The ScanTools Plus software converts files of scanned data into formats compatible with Acuity.

Software System Requirements

Minimum PC Hardware Requirements

- Pentium processor - 866 MHz (2 GHz processor or faster recommended for use with the Prosper software)
- System memory of 384 MB (Minimum of 1 GB required for the Prosper Software)
- Hard drive space: 650 MB of free space, minimum (1GB recommended)
- Monitor at 1024 x 768 resolution
- A CD-ROM drive for installation
- RS-232 serial (COM) port or USB 2.0

Supported Operating Systems

- Windows 2000 Professional SP4
- Windows XP and XP Professional SP2
- Vista Business Edition

Note: All Windows hot fixes for the service packs must also be installed.

Scanner Technical Specifications

Physical Description

- Length: 21.25" • Height: 9"
- Width: 14.5" • Weight: 17 lbs

Environment

- Operating Temperature: 60 to 85 F (16C to 29C)
- Humidity: 40% to 60%, non-condensating

Power

- 100-240 volt operation: 100-240 volts AC (-10%, +6%); 47-63 HZ; US 3-prong plug; 15 amp dedicated circuit

Communications

- Both RS232 (1,200 to 38,400 bps) and USB 2.0 data communication supported.
- Main Port: Local or remote connection; includes cable at no charge when specified by the customer at time of scanner order
- Auxiliary Port: Allows connection of a terminal printer or video display in series with the scanner

Components

- Form Transport: Open bed design, automatic form feed
- Scanner self-diagnostics quickly pinpoint problems.

Operation

- Forms: 2.5" x 5" to 9" x 14" (60-100 lb. Offset).
- Automatic feed capacity: 100 sheets
- Output Stacker Capacity: 100 sheets
- Controls: two programmable push buttons
- Message Display: 40-character alphanumeric
- Scanning Rate: 2,200 sheets per hour duplex (Actual scanning rate depends on quantity of data read from the form and the amount of processing done on the data while scanning).

Software Compatibility

- Existing software programs used with OpScan[®] OMR scanners are compatible.
- Supported by ScanTools Plus software (a "Scan Only" version of which is included with the Periodic Assessment Program package).

Product and price information is current as of September, 2008.

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