7766

Single Pocket Proof Encoder

The Proof Encoding Solution... for maximum productivity and value

NCR

*T*he 7766 single pocket proof encoder delivers outstandingly reliable service and high availability in heavy day-in/day-out use. It combines advanced thermal encoding, ergonomic design, and performance monitoring technologies to maximize your operator's comfort and productivity and your return on investment.

Reliable

Today's 7766 applies NCR's decades of experience in designing and servicing single pocket proof encoders to offer you reliability second to none.

The heart of the 7766, its proven, fourth-generation thermal encoder, contains far fewer moving parts than conventional impact encoders, thus minimizing service costs and maximizing uptime. It also provides higher print quality, reducing encoder-attributable reject rates on 3890 reader/sorters by as much as 66%. This can mean significant savings, especially if your bank processes large volumes of checks, or your processing center charges penalties for codeline rejects.

Easy To Monitor

The 7766 provides a broad range of tools to help you monitor productivity and manage your encoding environment effectively.

Each time a document is processed, the 7766 journal printer prints out a record, providing a comprehensive audit trail. The 7766 also lets you define and track up to 17 different distribution and transaction-level totals at a time. And as batches are cut and balanced, it lets you store up to 120 such totals in a log, to track batch-level information.

To help you monitor productivity, the 7766 can also track up to 20 operator activities (for example, document processing, error correction, meal breaks, and training) and analyze them in up to 3 different summary reports on productive activity, non-productive activity, and breaks. The 7766 also monitors performance statistics (numbers of keystrokes made, fields encoded, and documents processed).

The 7766 Clustered Proof option automates and simplifies productivity monitoring still further. By connecting all of your 7766 workstations into an Ethernet LAN, it lets you consolidate statistics from up to 50 workstations on a single PC server, then analyze them using any industry-standard spreadsheet package. Supervisors spend much less time gathering operator performance data, and management can make scheduling, performance appraisal, and pay incentive decisions much faster and more accurately.

Quiet and Comfortable To Use

To work at peak productivity, operators must be comfortable at their workstations. The 7766 has been ergonomically designed with operator comfort and efficiency as a top priority.

The 7766's whisper-quiet thermal encoder eliminates the harsh clatter of impact encoders—a significant stressor in many proof-room environments. The extra-generously padded, full-support armrest reduces operator fatigue. Convenient storage trays and dividers let operators keep in-process work and control documents out of the way, but close at hand, to minimize reaching and stretching.

Then there are the subtle touches. Like ribbed surfaces to keep documents from sliding off or getting lost when the operator puts them down for a moment. And doors on the top of the console to give operators fast access to all devices on which they have to replace media.

7766 ergonomic features enhance comfort and productivity

Handy Storage Dividers
Conveniently located, adjustable storage dividers keep batch tickets, cutslips, and other control documents handy but out of the way.

Quiet Thermal Encoder
Advanced thermal-encoding technology, much quieter than traditional impact encoders, helps reduce operator stress.

Easy-Access Doors
All the components that the operator may need to reach—to replace print media, reset the date, etc.—are accessible through easy-access doors on the top of the unit.

Padded Armrest
Soft, thickly padded armrest increases operator comfort.

Additional Storage Tray
Optional, removable document tray lets operators conveniently store up to 150 unprocessed documents while diagnosing out-of-proof conditions.

Anti-Slip Surfaces
Raised ribbing on frequently used surfaces helps keep documents from sliding off the unit and being misplaced.

Additional Storage Pocket
When no front bank stamp is required, the 7766 is equipped with an auxiliary pocket that lets operators store up to 300 processed documents prior to bundling them.

HARDWARE FEATURES

	DESCRIPTION	PRODUCTIVITY BENEFITS
Encoder	• 100 dpm burst throughput (15.2-cm/6-inch documents, amount field encoding) • Thermal encode technology, encodes up to 7 fields per document • MICR fonts: E-13B, CMC 7 (up to 16 characters in one pass) • OCR fonts: OCR-A, OCR-B (up to 19 characters in one pass) • Wide encoder ribbon	• High throughput provides higher productivity, faster return on investment • Quiet, non-impact technology helps reduce operator stress • Wide, high-capacity ribbon means faster, cleaner, and fewer ribbon changes, less operator downtime
Endorser	• Rear stamp (standard); front stamp (optional) • Operator-replaceable ink roll and ribbon	• Top-opening door provides easy access to date wheel, ink ribbon, ink roller, reduces operator service time
Pocket	• 250 document capacity	• Reduces document interrupts, improves operator throughput
Document Entry Area	• Hand-drop: marked section of track where operator drops documents to be processed • Input tray: holds up to 250 documents • Padded armrest	• Highly visible markings help operator drop documents in right location, minimize misfeeds • Generously padded armrest minimizes operator fatigue
Display Panel	• 16 LED indicators • "Lead-through" option	• Informs operator of status and error conditions, reducing keying errors
Keyboard	• Contains 13 data keys, 28 sequence-terminator keys, 5 sequence-modifier keys (all keys fully programmable)	• Programmability lets you map keyboard to your precise processing requirements
Cartridges and Cartridge Slot	• Used to back up proof sets to cartridge, copy proof sets from cartridge, and load training proof sets	• Provides fast, easy method for changing proof sets and for training
Real-Time Clock	• Maintains station date and time, Y2K compliant	• Allows operator productivity monitoring

SOFTWARE FEATURES

	DESCRIPTION	PRODUCTIVITY BENEFITS
Keystroke-Automation Features	• Automatic Fields, Field Look-Up, Keyboard Macros, Preselected Transit Code	• Dramatically reduce the number of keystrokes that the operator must enter
Operator Lead-Through Mode	• Display indicators prompt operator to enter fields in predefined sequences	• Increases data-entry speed
User Totals	• Maintain up to 17 user-defined running totals simultaneously	• Provide timely and meaningful information
Batch Totals Log	• Automatically stores up to 120 batch totals before corresponding user totals are cleared	• Eliminates manual recording of batch-level totals by operator
Error Checking	• Checks field length, field value, character types, and check digits against criteria specified in proof set	• Helps operators catch errors early
Balancing Tools	• Sub-Total Balancing, Find Balance Error, Error Store, Deposit List Re-key	• Reduces the time it takes to correct out-of-balance transactions
Operator Performance Monitoring Tools	• Monitor number of correct/incorrect keystrokes made, fields encoded, and documents processed	• Supervisors spend much less time gathering operator performance data
Operator Training Materials (optional)	• Teach basic "touch keying" and proof-balancing skills	• Improve operator speed and accuracy

Why NCR?

As competition in the financial services industry intensifies, the need to retain experienced item processing staff and maximize their productivity becomes more pressing than ever. To achieve these goals, you need a partner who knows the industry, understands your operations, and knows how to tailor item processing solutions precisely suited to your needs.

NCR has been providing trusted solutions to the financial services industry for over 75 years. We're a world leader in financial delivery systems, relationship banking, data warehousing, payment systems, and item processing solutions. We offer a complete family of item processing transports to meet the full range of customer needs. Through NCR

Professional Services, we give you the benefit of our experience in planning, implementing, and servicing item processing solutions and training your people to make the most of them.

The 7766 is the item processing solution especially designed for the high-volume proof and encoding environment. NCR, through its entire line-up of top quality item processing solutions, including imaging, is your best choice. The right products and services, at the right price, when and where you need them.

7766

Console Dimensions
- Height: 92.2 cm (36.3 in.)
- Width: 114 cm (45 in.)
- Depth: 73.1 cm (28.8 in.)
- Weight: 83 kg (182 lb.)

Power Requirements
- 120 V, 60 Hz
  (United States)
- 100 V to 240 V, 50 or 60 Hz
  (International - six ranges
  available)

Acceptable Document Dimensions
- Length: 124 mm - 229 mm
  (4.87 in. - 9.00 in.)
- Height: 63 mm - 113 mm
  (2.48 in. - 4.45 in.)
- Thickness: 0.076 mm - 0.177 mm
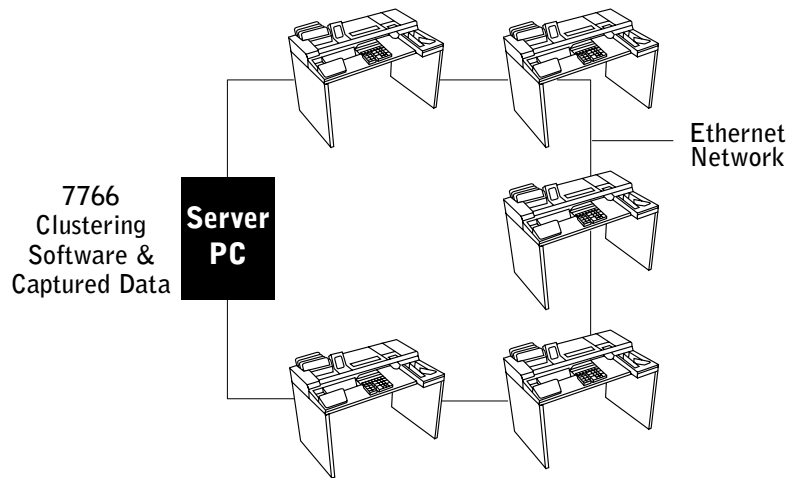- Weight: 60 g/m2 - 161 g/m2
  (16 lb. - 99 lb.)

Server PC Requirements
(Clustered Proof configuration only)
- 300 MHz Celeron, Pentium II,
  or equivalent
- 1.44 MB flex drive
- 32 MB RAM
- 2 GB HD
- 1 Ethernet communications
  adapter (to support 2 - 25
  NCR 7766 workstations)
  or
  2 Ethernet communications
  adapters (to support 26 - 50
  NCR 7766 workstations)
- NCR Clustered Proof software

Clustered Proof Enhances Productivity Management

The Clustered Proof option drastically reduces the supervisory and management time required to analyze item processing data and operator productivity statistics from multiple 7766 workstations.

The following graphic shows how multiple NCR 7766 workstations can be networked into a Clustered Proof system.

Ethernet Network

7766 Clustering Software & Captured Data

Server PC

The Clustered Proof Server PC captures four kinds of data:

- Operator activity data (such as total numbers of items processed, keystrokes entered, and fields encoded)

- User totals (transaction-level totals, including type, item count, value, and batch ID)

- Log totals (batch-level information saved before a user total is cleared)

- NCR 7766 diagnostic tallies (used for hardware troubleshooting).

It then converts the data to a format that managers can readily analyze using industry-standard spreadsheet software.