CaseLabel Pro III Software

CaseLabel Pro III software is for the Paragon industrial washdown touch screen computer, along with a label printer and a digital scale, such as the Datamax I-Class printer and the Weigh-Tronix Diamond series bench scale with a WI-125 indicator, for the purpose of weighing, labeling, and keeping running totals for boxes of various products.

RUN MODE: Selection of products can be made with a single keystroke by using the Paragon touch screen "HOT KEY" feature. An operator can also key in a PLU ("product look up") number, which would automatically set the system to run that product. The operator would then place or allow boxes onto the scale platform. Boxes are weighed and a label is generated. To weigh and label additional boxes with the same PLU, the operator does not need to re-enter the PLU number. A UCC/EAN-128C bar code printed on the labels containing the 5-digit ID number, date code, serial number, and net weight prepares the boxes to be used with a scanning/shipping manifest system.

Labels can be generated in either Manual Mode, where the operator would press a Print button, or Automatic Mode, where the label would print automatically when the box is placed on the scale. While setting up products, the operator has the ability to enter the number of cases per pallet. During the run mode, after the defined number of boxes is weighed for that product, the system will automatically print a pallet label. Pallet labels can also be manually printed during the run mode, with a touch of the "Pallet" button. The operator would also have the ability to delete or reprint the last weightment in case of errors.

BULK LABELS: Batch printing is available for fixed weight products. The operator would select the product to run and how many labels are to be printed. The operator can monitor batch label printing; pausing, resuming or aborting at any time.
**PRODUCTS**: Products are defined and stored in the memory of the Paragon III, with the following parameters:

- 6-digit Product Look Up (PLU)
- 5-digit UPC ID
- 30-character Product ID (PID)
- 4 lines of Description, 32 characters each
- Package Tare Weight
- Tare ID
- Fixed Weight
- Lower Weight Limit
- Upper Weight Limit
- Production Label Format
- Storage Text Options
- Inspection Shield Type
- Manufacturer
- Date Type
- # Cases per Pallet
- Hot Key Text
- Hot Key Color

**HOT KEYS**: Hot Keys allow an operator to retrieve predefined product information with the touch of one key, for the purpose of weighing and labeling that product. During product set-up, the operator has the ability to enter the text that is to appear on the Hot Key, as well as assign one of six colors. This information can also be added, previewed, changed, or deleted from a Hot Key set-up screen shown here.

**LOT NUMBER**: A lot number can be printed on each label. The format of lot numbers can be changed. For example, a lot number can include the following:

- Y1 = 1-digit year
- J = 3-digit Julian Production Date
- H = 2-digit Hour of the Production Day
- LL = 1-digit Line Code

Up to a 7-digit lot number can also appear within the serial number in the bar code.

**TARES**: Tare ID's can be defined and maintained.

**MAINTENANCE**: The operator is able to perform the following Maintenance Functions:

- Database Maintenance
- Select Wireless Printer/Scale
- Datamax Printer Configuration
- Print Test Label
- Load Printer Images
- Display Scale Communications
- Void Labels

**MANUFACTURERS**: Manufacturer ID's can be defined and maintained.

**REPORTS**: This system has the ability to display and print Summary and Detail reports based on PLU, Order or Customer. These reports will print onto labels, unless the optional report printer is purchased. Current date and time, PLU, and UPC ID will be printed on each report. The information reported will be for all products run since the last archive.
CaseLabel Manager™ Software

Designed to run on your office network — or even on a single PC — CaseLabel Manager™ gives the User a way to define the data to be used on one or more networked Paragon™ Weigh/Label Stations running the CaseLabel Pro™ application, providing uniformity of data definitions across all the stations. CaseLabel Manager™ automatically collects production records, and provides a flexible Reporting tool for generating production reports. Products, customers, manufacturers, Hot Key assignments and more may be defined at the PC, and then uploaded to one or all of the networked weigh-label stations. The optional Scan-to-Ship module integrates with hand held barcode scanners running the CaseLabel Scan™ application to collect shipping data, providing shipping reports, lot traceability and more. The optional Label Formatting Module allows the user to create or edit custom label layouts.

Features:

Collection of Production & Ship Records:
Case transactions are collected from Paragon CaseLabel Pro weigh-label workstations and CaseLabel Scan mobile computer-scanners and stored in a master database at the server or office PC level. The timing of the collection may be optimized for your production environment, such as once every minute or perhaps just a few times per day.

Reporting:
A highly flexible report-generating tool allows both detailed and summary reports to display only the pertinent information. For example: a report may be generated to show all production records for a certain time period, or just the records for a specified product for that time period.

Storing Historical Data:
A function to store old data records in history files is provided.

Voiding Production Records:
The ability to void individual transaction records in the master database is provided.

Exporting Production Records:
Production records covering any date range may be exported to .xls or .csv files for use by other Office applications.

Product Recall:
The highly flexible reporting function, along with scanned shipping transactions, allows for a fast and simple way to trace and identify the location of suspect product. Once you have identified a suspect case or lot, the powerful reporting tool can generate a detailed recall report showing a listing of all other related cases sorted by the customers to whom they were shipped.

Bill of Lading & Shipping Manifests:
With the optional Scan-to-Ship module, accurate shipping documents may be quickly generated using transactions from the CaseLabel Scan shipping system. A summary of case count and net weight per product is shown on the Bill of Lading, and a detailed listing of every box weight and serial number is available from the Shipping Manifest.

Customer Data Management:
Both Bill-To and Ship-To Customers may be defined and edited. This customer listing is used by CaseLabel Scan for picking customer orders as well as by the Scan-to-Ship module of CaseLabel Manager for generating the Bill of Lading and Manifest. The customer listing can also be uploaded to the Paragon-CaseLabel Pro weigh-label stations for fulfilling orders right in the production environment.

Manufacturer Data Management:
Multiple Manufactures may be defined. Each Manufacturer definition has its own ManufacturerID that is included in the case label barcode. Each Product definition references a specific Manufacturer.

Product Definition Management:
Products may be defined and edited. Product definitions include such items as ProductID, UCC Code, Descriptive text, Manufacturer, Tare(s), label format, and more.

Hot Key Assignments:
The ability to assign a Hot Key position with a corresponding product is provided. This enables the user to manage the order in which the products appear on the product selection screens.

Label Formats:
With the optional Label Creation Module, CaseLabel Manager provides the ability to edit existing label format definitions or create new ones. A user can make additions or changes to label format criteria such as: rotation, font type, font size and positioning on the label. For convenience, a label printer may be connected to an available serial COM port of the PC to produce test labels when working with the label formats.

Tare Weight Management:
Two levels of tare weight management are included. A box type or group tare weight can be established to associate with a group of products. This enables a single point of change should a box tare weight need to be updated. Individual product packaging tare weight entry can also be used.

Minimum Office PC Requirements:
- Microsoft Windows XP Professional
- Intel® Pentium® 4 Processor
- 1GB SDRAM
- 2GB available Hard Disk space
- CD ROM (software installation)
- Serial communication port (scan gun interface)
- Ethernet 10/100 network interface
- UPS Power Conditioning

Special Applications:
CaseLabel Manager can be modified to work with custom versions of CaseLabel Pro and CaseLabel Scan. Your Precision Solutions representative can help you establish a development plan for custom CaseLabel Pro / CaseLabel Manager / CaseLabel Scan solutions.

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CaseLabel Scan™
Integrated Scan-to-Ship System

CaseLabel Scan™ software, running on industry-standard mobile computers with built-in bar code scanners, provides a fast and accurate way to fill and ship orders, taking the guesswork out of loading trucks and printing manifests. With on-screen prompts and counters, keeping track of box counts and filling orders is a breeze. The built-in validation feature alerts the Operator if a scanned label already exists in the Order. Linked to the Scan-to-Ship module of the CaseLabel Manager™ system, CaseLabel Scan™ sends shipping transaction records to the office database, where they can be used for generating shipping documents and production reports, as well as providing product traceability with the ability to generate detailed recall reports. Scanned shipping records may also be exported to other business software for invoicing or other management analysis.

EQUIPMENT:
- Motorola-Symbol MC9090 Industrial Class Mobile Computers with Integrated Scanners.
- Motorola-Symbol Communication/Charging Cradles.
- Office PC(s) running CaseLabel Manager™ with an office laser printer.

Features of the system:
- Fast and accurate scanning of industry standard GS1-128 barcodes (formerly UCC/EAN 128).
- The Scan-to-Ship module is designed to work in tandem with CaseLabel Manager™ office level software.
- Case scanning provides Lot Traceability and Recall Detail reports when integrated with CaseLabel Manager™.
- Customer and Product data may be downloaded from a PC running CaseLabel Manager™.
- 10-character Order Number field for each of four Orders.
- The Customer Name for each Order may be selected from a list.
- Scanned labels are checked to verify they have not been previously scanned into the Order.
- Product and Order accumulators are displayed after each scan, along with the description of the scanned product.
- Shipping reports may be printed to a networked printer via CaseLabel Manager™ software.
- Manual Data Entry is available in the event of unreadable bar codes.
OPERATION DESCRIPTION:

Set-Up:
Product and Customer data may be downloaded from a PC running CaseLabel Manager™ with the Scan-to-Ship module enabled.

Starting a Scan-to-Ship Order:
Operator may start a new Scan-to-Ship order by entering an Order Number into the scan gun and selecting a Customer.

Scan Mode:
Industry-standard GS1-128 Case Label barcodes are scanned and accumulated under the currently selected order number. Up to four orders can be stored on the gun before downloading. Scanned barcodes are checked for duplication before being accumulated by the system. Product and Order accumulations are displayed on the scan gun. Labels scanned in error may be removed via the Scan Out feature. Manual input of label data is available in the event of unreadable barcodes.

Printed Reports:
Shipping reports are created using CaseLabel Manager™ on an office PC. Three types of reports are available:
  ❖ Summary Report (Bill of Lading).
  ❖ Detail Report, weights only.
  ❖ Detail Report, weights and serial numbers.

Options:
An industrial report printer option is available for stand alone (non-integrated) applications or as a back-up printing method if the office PC or network is unavailable.

Stand Alone Station

MC9090 Mobile Computer
Cradle
Industrial Report Printer

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