FEATURE PACKED !

- FAST & SIMPLE OPERATION
- 60 lb CAPACITY & DUAL-RANGE!
- kg CONVERSION AT THE TOUCH OF A BUTTON
- MENU-DRIVEN & USER-FRIENDLY
- HIGH SPEED THERMAL PRINTER
- FREE FORMAT LABEL DESIGN
- RUGGED TACTILE KEYS
- NETWORK BY USING ETHERNET
- OVER 2,000 CHARACTERS PER PLU!
- CASH DRAWER
- 99 FLOATING CLERK!

OPTIONAL:

- ADVANCED WINDOWS® 95/98/2000/XP
- FULLY FEATURED SCALE SOFTWARE!
FLEXIBLE AND RELIABLE NETWORKING

**SCALE MASTER & SLAVE**

- LP-II uses Ethernet (TCP/IP) for the network to program, update, and maintain sales data for up to 99 scales when PC is master. When scale is master, then up to 32 scales can be connected. With 6 digit PLU numbers that can be assigned to 32 departments, you can partition the sales data to suit any need. The master receive sales data from all scales the moment sales are transacted.

**SCALE NETWORK**

- Transmission speed: 10Mbps
- Max Cable Length: 100 meters
- Max Nodes: 99
- Serial Port: 19.2 kbps
- Ethernet (TCP/IP) Connectors: RJ-45
- Ethernet (TCP/IP) Cable: UTP
- UTP: Unshielded Twisted Pair

**PC MASTER**

- Max Ethernet Cable Length: 100m
- TCP/IP
- LS-232C
- LP-2G
- LP-2G
- LP-2F
- LP-2F
- Cash Drawer

**SERVER SYSTEM**

- TCP/IP
- LP-2G
- LP-2G
- LP-2F
- LP-2F
- POS Server
- TCP/IP
- LP-2G
- LP-2G
- LP-2F
- LP-2F
- Label Designer
- TCP/IP
- LP-2G
- LP-2G
- LP-2F
- LP-2F
- Cash Drawer

The length of Ethernet Cable is up to Maximum 100m From each Scale to Hub.

**FEATURES**

**SCALE NETWORK**

- 106 Speed keys, [53 x 2 (SHIFT)]
- Sealed keyboard minimizes possible damage from moisture.
- LP-[] use heavy-duty tactile switches instead of membrane “keypads”.
- Keys strategically placed in order to minimize user effort.

**TACTILE SWITCH KEYBOARD**

- Transmission speed: 10Mbps
- Max Cable Length: 100 meters
- Max Nodes: 99
- Serial Port: 19.2 kbps
- Ethernet (TCP/IP) Connectors: RJ-45
- Ethernet (TCP/IP) Cable: UTP
- UTP: Unshielded Twisted Pair
Advanced features & user-friendly menu driven programming.

EASY-TO-FOLLOW INSTRUCTIONS
- Large bright Vacuum Fluorescent Display.
- Graphical display guides user on how to proceed with sales or programming.
- Dot-Matrix VFD : 256 x 64 resolution (LP-2G).
- 7-segment VFD (LP-2F)

VARIABLE LABEL SIZES
- Max Width : 80 mm (3.15 in.)
- Max Length : 170 mm (6.70 in.)
- Max Roll Diameter : 12 cm (4.72 in.)

ADVANCED FEATURES
- Convenient Cash Drawer.
- Fast speed 10M bps network.
- Extended memory
- Display: Graphic VFD (LP-2G)/7-segment display (LP-2F)
SCROLLING MESSAGES
- Each scale can sequence & display up to 4 different messages from a list of 99 user programmable messages!
- Each message can be shown using any of 6 special effects!

IDEAL FOR HIGH VOLUME
The LP-104 uses very high-quality thermal print head and printer parts designed to run in the toughest environments. Large printer compartment can house high capacity label rolls eliminating the need for frequently replacing the finished label roll.

SECURITY
With "password protection" the LP-104 is able to keep unauthorized users from operating the scale. You can also use the security features to grant limited access to certain users. Assigning various levels of access to different users allows the scale to be securely operated in practically any environment.

PREPACKAGING
The LP-104 has several features to aid in any backroom application. The PRE-PACK mode enables the user to quickly print labels without the hassle of having to press the PRINT key with every transaction. PREPA CK also prevents the AUTO CLEAR feature from interrupting the packaging process. The AUTO and SAVE features can be used to accommodate "special" packaging needs.

KEYLESS OPERATION
With the LP-104 there are no awkward keys to lose or locks to fumble with. A password entry method allows for up to 99 users per network or scale.

BAR-CODING
The LP-104 has 6 built-in barcode types to choose from. Selecting the "open-bar-code" option in PG M mode allows the LP-104 to print virtually any barcode format. Additionally, each PLU can have its own unique barcode type and format. For maximum convenience the LP-104 can print multiple barcodes on each label.

BATTERIES AND MEMORY
You just got your new LP-104 on Friday morning and finally finished programming 400 PLUs into your new LP-104 by Friday night. You return on Monday only to find out that you left your scale unplugged!
All that work down the drain! This would be true if the LP-104 used battery backed RAM like all other printing scales... but it doesn't. The LP-104 uses Flash RAM which needs no power to maintain its contents! So, if you leave it unplug for 1 weekend or 1000 weekends it doesn't matter! You will never lose your programming due to low or dead batteries!

SALES REPORTING
If keeping track of sales through the POS system or cash register just isn't enough, then the LP-104 can also aid in tracking sales. You can print or display numerous types of sales data: X MODE for reading sales data and Z MODE for reading and resetting. On a network, the Master and Mirror Master scales are updated on-the-fly in order to keep accurate account of storewide sales at all times! Out of continuous strip media? Need to print sales reports?... Any label will do!
So long as the LP-104 has labels or media of any type, you can print perfectly legible sales reports.

### Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LP-1G</th>
<th>LP-1F</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARACTERS PER PLU</td>
<td>114 char. MAX</td>
<td>114 char. MAX</td>
</tr>
<tr>
<td>DISPLAYS</td>
<td>Dot-Matrix</td>
<td>7-segment</td>
</tr>
<tr>
<td>INTERFACES</td>
<td>RS-232 Serial Port</td>
<td>Ethernet Port (Optional)</td>
</tr>
<tr>
<td>MAX TARE</td>
<td>FULL CAPACITY</td>
<td>FULL CAPACITY</td>
</tr>
<tr>
<td>MEASUREMENT TYPE</td>
<td>LOAD CELL</td>
<td>LOAD CELL</td>
</tr>
<tr>
<td>MEMORY CAPACITY</td>
<td>Over 4000 PLUs</td>
<td>Over 4000 PLUs</td>
</tr>
<tr>
<td>NETWORK</td>
<td>99 Scale MAX</td>
<td>99 Scale MAX</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
<td>Optional Network card required</td>
<td>Optional Network card required</td>
</tr>
<tr>
<td>OPERATING TEMP</td>
<td>0°C - 40°C</td>
<td>0°C - 40°C</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>100mA (0.05 miles) max cable length</td>
<td>100mA (0.05 miles) max cable length</td>
</tr>
<tr>
<td>PRINT SPEED</td>
<td>99 Clerks MAX</td>
<td>99 Clerks MAX</td>
</tr>
<tr>
<td>PRINTER TYPE</td>
<td>DIRECT THERMAL PRINT</td>
<td>DIRECT THERMAL PRINT</td>
</tr>
<tr>
<td>SALES PERIODS</td>
<td>Dual totals for daily/monthly or user selectable reporting periods</td>
<td>Dual totals for daily/monthly or user selectable reporting periods</td>
</tr>
<tr>
<td>SALES REPORT MODES</td>
<td>Read &amp; Reset 1</td>
<td>Read &amp; Reset 1</td>
</tr>
<tr>
<td>PRINT SPEED</td>
<td>100mm/sec (4 in./sec)</td>
<td>100mm/sec (4 in./sec)</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>24V AC 50/60Hz</td>
<td>24V AC 50/60Hz</td>
</tr>
<tr>
<td>SHIPPING WEIGHT</td>
<td>999 (13 lb)</td>
<td>999 (13 lb)</td>
</tr>
<tr>
<td>WEIGHTING CAPACITY</td>
<td>0.005 kg / 15 ~30</td>
<td>0.005 kg / 15 ~30</td>
</tr>
<tr>
<td>WEIGHTING RANGE</td>
<td>DUAL RANGE</td>
<td>DUAL RANGE</td>
</tr>
<tr>
<td>WEIGHTING UNITS</td>
<td>Pound &amp; Kilo push-button selectable</td>
<td>Pound &amp; Kilo push-button selectable</td>
</tr>
</tbody>
</table>

Note: Specifications are subject to change without notice.
ADVANCED PC SOFTWARE

With so many advanced features, how can you keep track of it all? You would probably need a PC, sophisticated and expensive software, and highly trained personnel to work with it. Here at CAS we think simpler is better, so we narrowed it down to one requirement:

a PC running Microsoft® Windows® 95/98/2000/XP OS.

Every LP-II comes with a trial version of the LP-II software package that gives you the power to program, edit, and update virtually every feature of the LP-II.

The LP-II also gives you the power of designing your own label formats on the PC in WYSIWYG (What You See Is What You Get).

You can design up to 1000 label formats per store-file! You can manage virtually an unlimited number of stores!

So long as you have hard-drive space you can manage as many stores of up to 32 LP-II scales per store. With such powerful software and advanced scales, you can't go wrong with the LP-II!

THOUSANDS OF PLUs AT YOUR FINGER TIPS

Whether you have a specialty store or an average deli, you can keep track of all your PLU's prices, sales, availability, advertising, etc. Sort your PLUs in various ways and generate a computer printout for fast, accurate data base management. Do you need to generate labels for some items that are not scalable or food related? No problem! The LP-II has 3 types of PLUs: Weighted, Non-Weighted, and Non-Food. Each has its own unique uses but all are flexible enough to fit virtually any demand.

32 INDEPENDENT DEPARTMENTS

Whether installed on a network or standalone, each scale can be assigned to one of 32 programmable departments. This allows that scale to directly select all PLUs from that department for quick and accurate access. But what if you are in a jam and you need scale #1 to access PLUs from another department? You can do that too! You can also indirectly access all other PLUs from ALL other departments. This numbering scheme allows for 32,999,999 PLU numbers! Wow! This also will let you use the same PLU number across different departments: PLU #1 in Deli Department may be different from PLU #1 in Bakery.
IF THE SHOE FITS...
Free-formatting, a large capacity label compartment, and an extra wide print head allow the LP- [ ] to print on virtually any size media: if the label fits in the scale, then you can use it! So long as the labels are thermal and of the proper specifications, they will work with the LP-[ ].

LABELS, LABELS, & LABELS
Whether you need to print a Nutritional Panel, a Safe Handling template, a logo, or perhaps all 3, the LP- [ ] is the scale for you! PLUs can have ingredients lists with up to 2000 characters and commodity names can have 3 lines of 38 characters. That's a whopping 2114 characters per PLU! You can select different style Nutri-facts panels, Safe Handling templates, built-in logos, or design your own using the advanced software package that is included with every LP- [ ]. The LP- [ ] software package is designed for the Windows® 95/98/2000/ XP OS. It allows you to maintain all scale programming as well as up to 999 individual label formats per “store file.” About 60 label formats are provided. For updated information on label formats and other related information, don’t forget to visit our website at: www.cas-usa.com or www.cas.co.kr

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