





WARNING:  
Cancer  
and  
Reproductive  
Harm  
California  
Proposition  
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More than a weight indicator and more than a counting scale, Counterpart from Rice Lake stands alone as a configurable counting indicator, able to convert almost any scale base into an intelligent piece-counting device—for parts of every shape and size.

Unlike traditional counting scales, Counterpart uses Rice Lake's simple configuration method to adjust to the parameters and resolution of any attached scale base, whether a floor scale, bench scale, or laboratory balance. Counterpart also connects with most bar code scanners, label printers, and inventory management software, making it quite possibly the most versatile piece of equipment in any inventory setting.

Rice Lake's new configurable counting indicator does away with equipment learning curve. Users simply follow the keys left to right— zero, tare, and sample. View weight, piece weight, description and quantity all at the same time. And a ten-piece default sample is all that Counterpart ever requires.

While Counterpart was designed for operator simplicity, it also provides the high-end features necessary for better inventory control and record keeping. Onboard Ethernet allows for connection to a PC where WeighVault® software for Counterpart can take your data storage and reporting capabilities to new heights.

Counterpart can be purchased separately for operating one or more scale bases, or as part of a complete scale base and indicator package.

## Counterpart Configurable Counting Indicator Specifications

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### Power Source:

Input: 100 to 240 VAC, 47/63 Hz, 5 watts  
U.S. power cord  
Output: 9 to 12 V, 1.5 A max

### Excitation Voltage:

5 VDC

### Analog Signal Input Range:

0 to 4.5 mV/V

### Analog Specifications:

Grad minimum: .3  $\mu$ V/grad  
Input sensitivity: 1.5  $\mu$ V/grad recommended  
Zero adjustment range: 0 to 100% or per region settings  
A/D conversion rate: 7.5, 15, 30 samples per second  
Load cells per scale: 8  $\times$  350 ohm; 16  $\times$  700 ohm  
Scale channels: 1 or 2  
Linearity:  $\pm$ 0.017 full scale

### Circuit Protection:

RFI, EMI, ESD protection

### Digital I/O:

Four

### Display:

Viewing area: 240  $\times$  64 pixels, transmissive VGA liquid crystal display (LCD) with adjustable contrast

### Keys/Buttons:

24 buttons, full keypad (alpha numeric)

### Resolution:

Internal: 1,000,000 counts  
Display: up to 100,000

### Communications Ports:

Two RS-232 ports support up to 115,200 bps  
20 mA  
Ethernet port  
Setpoint output

### Annunciators:

PCS, motion, low battery, insuff, recomp, scale number, gross, net, zero

### Units of Measure:

lb, kg, g, oz

### Prints:

Standard EPL label format; format is changeable to work with virtually any printer

### Battery (optional):

Type: Lithium-ion  
Charge time: 6 to 8 hours  
Charge cycles: 400 to 1,200  
Estimated runtime: 24 to 32 hours with one 350 ohm load cell base

### Temperature:

Operating: 32 °F to 104 °F (0 °C to 40 °C)

### Humidity:

85%

### Dimensions:

(L  $\times$  W  $\times$  H)  
Indicator only  
12.25  $\times$  6.25  $\times$  4.00 in  
(311  $\times$  159  $\times$  102 mm)

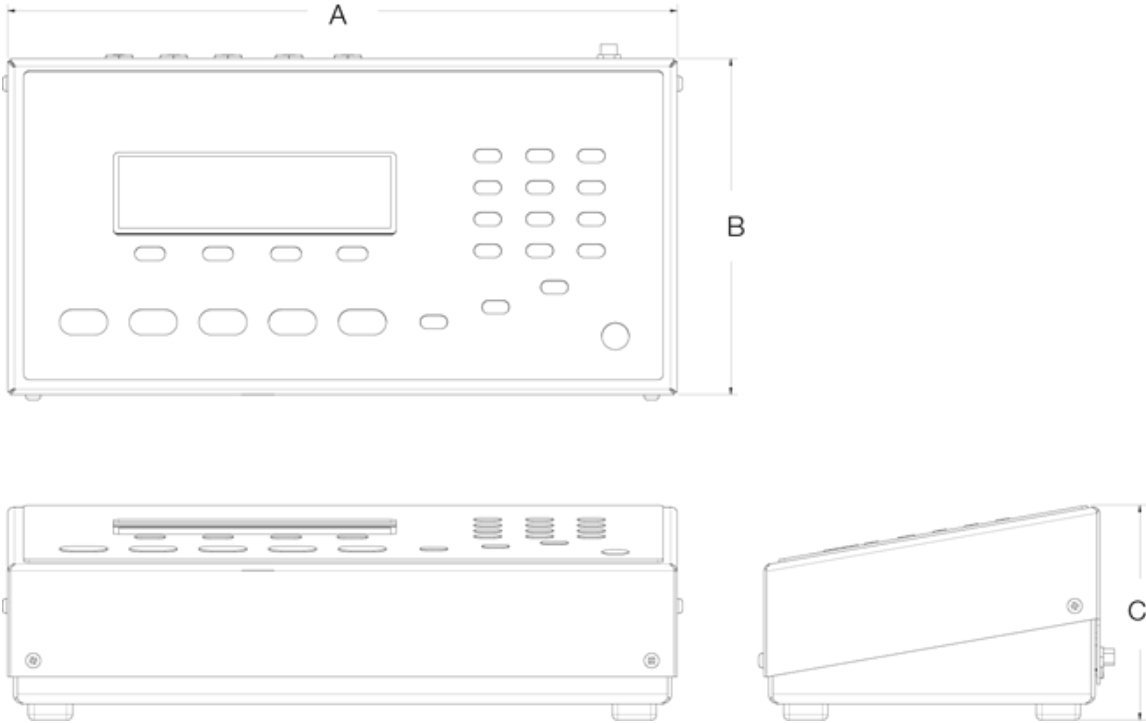
### Warranty:

Two-year limited

### Approvals:

NTEP Certified CC 12-110  
CE Marked  
UL Listed  
Measurement Canada AM-5918C

# Counterpart Configurable Counting Indicator Dimensions



Dimensions			
A	12.30 in (312 mm)	C	3.94 in (100 mm)
B	6.17 in (157 mm)		

# Parts

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## Part # Description

### Counterpart Indicator Only

118788	Indicator,Counterpart Single A/D, RS-232, Ethernet, Multi-ranging Power Supply with US Power Cord and Packaging
120770	Indicator,Counterpart Dual A/D, RS-232, Ethernet, Multi-ranging Power Supply with US Power Cord and Packaging
132429	Indicator,Counterpart Single A/D, RS-232, Ethernet, Multi-ranging Power Supply with EU Power Cord and Packaging
132431	Indicator,Counterpart Dual A/D, RS-232, Ethernet, Multi-ranging Power Supply with EU Power Cord and Packaging

### Single Channel with DIGI S-YC base system and bracket

155089	Scale,CP-1 Counterpart 1 x 0.0001 lb, 7 x 5 in Platter, Multi-Range Adapter, US plug
155090	Scale,CP-2 Counterpart 2 x 0.0002 lb, 9 x 6 in Platter, Multi-Range Adapter, US cord
155092	Scale,CP-5 Counterpart 5 x 0.0005 lb, 13 x 11 in Platter, Multi-Range Adapter, US plug
155094	Scale,CP-10 Counterpart 10 x 0.001 lb, 13 x 11 in Platter, Multi-Range Adapter, US plug
155097	Scale,CP-25 Counterpart 25 x 0.002 lb, 13 x 11in Platter, Multi-Range Adapter, US plug
155101	Scale,CP-50 Counterpart 50 x 0.005 lb, 13 x 11 in Platter, Multi-Range Adapter, US plug

### Dual Channel with DIGI S-YC base system and bracket

155115	Scale,CP-1 Counterpart Dual Channel, 1 x 0.0001 lb, 7 x 5 Platter, Multi-Range Adapter US Cord
155116	Scale,CP-2 Counterpart Dual Channel, 2 x 0.0002 lb, 9 x 6 Platter, Multi-Range Adapter US Cord
155117	Scale,CP-5 Counterpart Dual Channel, 5 x 0.0005 lb, 13 x 11 Platter, Multi-Range Adapter US Cord
155118	Scale,CP-10 Counterpart Dual Channel, 10 x 0.001 lb, 13 x 11 Platter, Multi-Range Adapter US Cord
155119	Scale,CP-25 Counterpart Dual Channel, 25 x 0.002 lb, 13 x 11 Platter, Multi-Range Adapter US Cord
155120	Scale,CP-50 Counterpart Dual Channel, 50 x 0.005 lb, 13 x 11 Platter, Multi-Range Adapter US Cord

### Dual Channel with BenchMark base system and bracket

125113	Scale,CP-50BM Counterpart Dual Channel, 50 lb x 0.01 lb, 12 in x 18 in, Multi-Range Adaptor US Power Cord
125116	Scale,CP-100BM Counterpart, Dual Channel, 100 lb x 0.02 lb, 12 in x 18 in, Multi-Range Adaptor, US Power Cord

# Options

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## Part # Description

<b>124692</b>	Battery OPT,CP Li-Ion
<b>53828</b>	Cable,Multi Scale "Y" IQ9500 Counting Scale
<b>32375</b>	CONN,Plug 14-Pin Male DIGI connector
<b>125062</b>	Coverplate,Ethernet OPT Counterpart External Plate, Kit, Ethernet plug for welded cable
<b>130537</b>	OPT,USB Host Card Counterpart USB Keyboard, RoHS Compliant
<b>179211</b>	Keyboard,Microsoft USB Microsoft 600 USB Wired
<b>125079</b>	Coverplate,DB9 Option 520, Counterpart Indicators.
<b>120767</b>	Coverplate, 14 Pin Connector. Counterpart Counting Scale Indicator.
<b>125495</b>	OPT,Wi-Fi Kit Counterpart Includes Antennae, Ethernet Board and access plate
<b>125546</b>	Software, WeighVault for Counterpart (English)
<b>118677</b>	LIT,User Manual Counterpart Counting Scale Indicator (English)
<b>121459</b>	Bracket OPT,Counterpart CP Front-mount Bracket and Mounting Screws Kit For BenchMark Scales. S-XL Bases.
<b>154700</b>	Bracket Kit,OPT S-YC Counterpart Bracket And Mounting Screws
<b>121474</b>	Cable Assy,RS-232 5-Wire DB-9F to 6-position connector
<b>121501</b>	Stand, Counterpart Indicator. Angled, Free Standing for Table Top.
<b>128063</b>	Power Supply Assy,12V 15W 1.25A, Universal Input (90-264 VAC) Desktop Switching with IEC-320_C14 connector and EMI/RFI Ferrite Clamp
<b>15438</b>	Power Cord,Detachable 18 AWG, 7.5' Long, C13, 5-15P Plugs, SVT Cord Black

## Printers/Cables

<b>167515</b>	Printer,DT2x 2in Direct Thermal, 203 dpi, Real Time Clock, Multi-range AC adapter
<b>65617</b>	Label,Roll DTL 2.25x4.50 5" Dia 1 in Core 600 Per Roll Perfed Wound Out High Grade Top Coated - 10 Degree + Application Temperature
<b>41276</b>	Cable Assy,DB9M To Blunt Male DB9 to blunt end cable 5 Feet PINOUT: Black Pin-5, Red Pin-3, Green Pin-2
<b>78860</b>	Cable,Ethernet Cross RJ45 to RJ45, 7FT

## Scanner

<b>225024</b>	Scanner Kit,QD2590, cp Counterpart Scanner & 9Pin RS232 Cable w/quick Connect
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# Replacement Parts

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<b>Part #</b>	<b>Description</b>
118434	Overlay, Membrane Switch Panel, CP Counterpart Counting Scale
118435	Cover,Enclosure CP Indicator, Counterpart Counting Scale
120756	Seal Strip, Nylon Brush w/holes.
119275	Display Module,LCD 240x64 Large Format,FSTN Negative,6:00 View,Wide Temp, Transflective White LED B/L and cable,Header + Current Limit Resistor ROHS Compliant
120484	Bracket,CPU Mounting Counting Scale Indicator.
14621	Nut,Kep 6-32NC HEX External Tooth Lockwasher Steel Zinc Plated Width Across Flats= 5/16 Thickness=9/64
120741	Board ASSY,CPU CP Single A/D Counterpart Counting Scale
117507	Board Assy,CPU CP Dual A/D CounterPart Counting Scale
14822	Screw,MACH 4-40NCx1/4 Phillips Pan Head Internal Tooth Lock Washer SEMS Steel Zinc Plated
118437	Base, Enclosure Bottom Indicator, Counting Scale
19433	Foot,Rubber w/Adhesive .81 Square x .30 Height Color Black Pad.
60130	Cable,Ribbon 5.25 Overall Length
75146	Coverplate,Blank 520 Panel Mount Connector Options
120266	Screw,Machine 6-32NC x 3/8 Phillips Truss Head 18-8 SST
69291	Battery,3v Coin Lithium 16mm Diameter, 125(mAh), Metal
59274	Washer,Flat #6 Screw Size 9/64ID x 5/16OD x 3/64 Thick White Nylon .140" ID x .312" OD x .047" Thick White Nylon
56972	Clamp,Flat Cable
128063	Power Supply Assy,12V 15W 1.25A, Universal Input (90-264 VAC) Desktop Switching with IEC-320_C14 connector and EMI/RFI Ferrite Clamp
15438	Power Cord,Detachable 18 AWG, 7.5' Long, C13, 5-15P Plugs, SVT Cord Black
53828	Cable,Multi Scale "Y" IQ9500 Counting Scale

**www.ricelake.com | 800-472-6703**

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