

# Counterpart® Configurable Counting Indicator



## STANDARD FEATURES

- AC operated (battery operation is option)
- LCD graphical display transmissive for indoor viewing
- Lb/kg/oz/g weight display conversion
- Single or dual channel models with serial scale input
- Mix and match platforms with console
- Four setpoint outputs for counting
- Two RS-232 ports for connecting peripherals
- Ethernet
- Scanner input (RS-232)
- PC software utility (Revolution) for setup
- 150 item memory

## SPECIFICATIONS

**Power Source:**

Input: 100-240 VAC, 47-63 Hz, 5 watts, US power cord  
Output: 9-12V, 1.5 A max.

**Excitation Voltage:**

5VDC

**Analog Signal Input Range:**

0-4.5 mV/V

**Analog Specifications:**

Grad minimum: .3 µV/grad  
Input sensitivity: 1.5 µV/grad recommended  
Zero adjustment range: 0-100% or per region settings  
A/D conversion rate: 7.5, 15, 30 samples per second  
Load cells per scale: 8 x 350 Ω; 16 x 700 Ω  
Scale channels: 1 or 2  
Linearity: +/- 0.017 full scale

**Circuit Protection:**

RFI, EMI, ESD protection

**Digital I/O:**

Four

**Display:**

Viewing Area: 240 x 64 pixels, transmissive VGA Liquid Crystal Display with adjustable contrast

**Keyboard:**

24 buttons, full keypad-alpha numeric

**Resolution:**

Weight display resolution: up to 100,000 graduations  
Counting resolution: 1/1,000,000

**Communications and Setpoint:**

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

**Status Enunciators:**

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

**Units of Measure:**

Pounds, grams, kilograms, ounces

**Optional Battery:**

Type: Lithium Ion  
Charge time: 6-8 hours  
Charge cycles: 400-1200  
Estimated runtime: 24-32 hours with one 350 Ω load cell base

**Operating Temperature:**

10° F to 104° F (0° C-40° C)

**Operating Humidity:**

85%

**Physical Dimensions:**

Indicator Only: 12.25 x 6.25 x 4.0 in  
311.15 x 158.75 x 101.6 mm

**Warranty:**

Two-year limited warranty

**Approvals:**

NTEP-Pending  
CE-Pending

COUNTING SCALES



Shown with DIGI® Scale Base



Shown with BenchMark® Scale Base and Bracket

**PART NUMBER/PRICE**

PART #	MODEL #	CAPACITY	PLATTER DIMENSIONS	EST. SHIP WEIGHT	PRICE
118788	CP single channel indicator	Console only	n/a	10 lb / 4.5 kg	Consult
120770	CP dual channel indicator	Console only	n/a	10 lb / 4.5 kg	Consult
<b>Single Channel with DIGI S-XL base system and bracket</b>					
120736	CP-5	5 x 0.0005 lb / 2 x 0.0002 kg	9 x 12 in / 228.6 x 304.8 mm	35 lb / 15.9 kg	Consult
120737	CP-10	10 x 0.001 lb / 5 x 0.0005 kg	11 x 16 in / 279.4 x 406.4 mm	35 lb / 15.9 kg	Consult
120738	CP-25	25 x 0.002 lb / 10 x 0.001 kg	11 x 16 in / 279.4 x 406.4 mm	35 lb / 15.9 kg	Consult
120739	CP-50	50 x 0.005 lb / 20 x 0.002 kg	11 x 16 in / 279.4 x 406.4 mm	35 lb / 15.9 kg	Consult
120740	CP-100	100 x 0.01 lb / 50 x 0.005 kg	11 x 16 in / 279.4 x 406.4 mm	35 lb / 15.9 kg	Consult
<b>Dual Channel with DIGI S-XL base system and bracket (second channel available for use with other bases)</b>					
118796	CP-5	5 x 0.0005 lb / 2 x 0.0002 kg	9 x 12 in / 228.6 x 304.8 mm	35 lb / 15.9 kg	Consult
118797	CP-10	10 x 0.001 lb / 5 x 0.0005 kg	11 x 16 in / 279.4 x 406.4 mm	35 lb / 15.9 kg	Consult
118798	CP-25	25 x 0.002 lb / 10 x 0.001 kg	11 x 16 in / 279.4 x 406.4 mm	35 lb / 15.9 kg	Consult
118799	CP-50	50 x 0.005 lb / 20 x 0.002 kg	11 x 16 in / 279.4 x 406.4 mm	35 lb / 15.9 kg	Consult
118800	CP-100	100 x 0.01 lb / 50 x 0.005 kg	11 x 16 in / 279.4 x 406.4 mm	35 lb / 15.9 kg	Consult
<b>Dual Channel with BenchMark base system and bracket (second channel available for use with other bases)</b>					
125113	CP-50BM	50 x 0.01 lb / 20 x 0.002 kg	12 x 18 in / 304.8 x 457.2 mm	45 lb / 20.4 kg	Consult
125116	CP-100BM	100 x 0.02 lb / 50 x 0.005 kg	12 x 18 in / 304.8 x 457.2 mm	45 lb / 20.4 kg	Consult

**OPTIONS/ACCESSORIES**

PART #	DESCRIPTION	PRICE
124692	Rechargeable lithium-ion battery option	Consult
32375	Connector, 14-Pin Amphenol load cell (can be soldered to home run cable)	Consult
125062	Ethernet quick access coverplate for Counterpart	Consult
125079	Quick access 9-Pin cover plate	Consult
120767	Quick access 14-pin Amphenol cover plate	Consult
125495	Wireless LAN card WIFI 802.11 A/B, optional kit	Consult
67604	Serial port card, dual channel RS-232 and RS-485	Consult
125546	WeighVault™ for Counterpart	Consult
77925	Revolution®, PC software utility for setup	Consult
118677	Operators manual	Consult
121459	Front mount bracket	Consult
121474	Software download cable	Consult
121501	Stand, angled free standing for table top	Consult
121458	Power supply	Consult
15438	Power cord	Consult
<b>Printers/Cables:</b>		
107403	RL-22DT printer, 2 in direct thermal, 203 dpi, real time clock 110/240 VAC	Consult
65617	Direct thermal label, 2.25 in x 4.5 in	Consult
41276	Cable DB9M to blunt end RS-232 cable for RL-22DT	Consult
81076	Epson® TM-U220 tape printer, RS-232 serial, universal power supply	Consult
69916	One-ply bond paper roll, 3 in x 150 ft, .5 in core	Consult
15547	Cable universal serial interface, 25-Pin D-Sub M to blunt end RS-232 cable for Epson TM-U220	Consult
78860	Ethernet cross cable for direct connection to WeighVault	Consult
<b>Scanner:</b>		
121495	Kit, QD2100 RS-232 scanner, cable stand and 9 Pin Din quick connect cable (supplies power to scanner, reduces battery life)	Consult
<b>Scale Bases: (recommended for use with part number 121459 front mount bracket)</b>		
73262	Scale, DIGI S-XD 1/10lb Dual Platform, 4 in x 6 in/9 in x 12 in	Consult
73263	Scale, DIGI S-XD 1/25lb Dual Platform, 4 in x 6 in/9 in x 12 in	Consult
73264	Scale, DIGI S-XD 1/50lb Dual Platform, 4 in x 6 in/9 in x 12 in	Consult
73266	Scale, DIGI S-XD 2.5/25lb Dual Platform, 4 in x 6 in/9 in x 12 in	Consult
73267	Scale, DIGI S-XD 2.5/50lb Dual Platform, 4 in x 6 in/9 in x 12 in	Consult