

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 TCP/IP
- Scanner input (RS-232)
- PC software utility (Revolution) for setup
- 150 item memory

APPROVALS



OPTIONS

- Battery
- USB for USB keyboard
- Weigh Vault for Counterpart

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 (LCD) 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

Prints:

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

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)

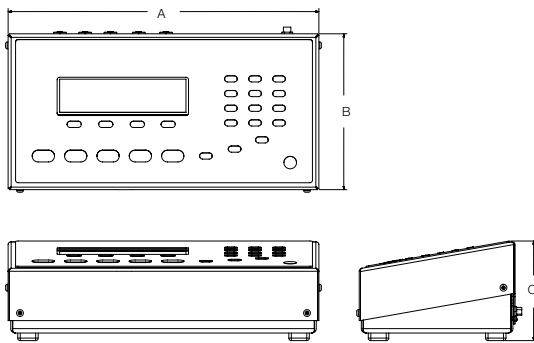
Warranty:

Two-year limited warranty

Approvals:

NTEP
CE
UL listed

COUNTING SCALES



Shown with DIGI® Scale Base



Shown with BenchMark® Scale Base and Bracket

DIMENSIONS

A	12.3 in (312.4 mm)	C	3.94 in (100 mm)
B	6.17 in (156.7 mm)		

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
132429	CP single channel, EU power cord	Console only	n/a	10 lb / 4.5 kg	Consult
132431	CP dual channel, EU power cord	Console only	n/a	10 lb / 4.5 kg	Consult
Single Channel with DIGI S-XL base system and bracket					
155089	CP-1	1 x 0.0001 lb / 500 g x 0.05 g	7.9 x 5.6 in / 200 x 142 mm	35 lb / 15.9 kg	Consult
155090	CP-2	2 x 0.0002 lb / 1 x 0.0001 kg	9.6 x 6.9 in / 244 x 175 mm	35 lb / 15.9 kg	Consult
155092	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
155094	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
155097	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
155101	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
Dual Channel with DIGI S-XL base system and bracket (second channel available for use with other bases)					
155115	CP-1	1 x 0.0001 lb / 500 g x 0.05 g	7.9 x 5.6 in / 200 x 142 mm	35 lb / 15.9 kg	Consult
155116	CP-2	2 x 0.0002 lb / 1 x 0.0001 kg	9.6 x 6.9 in / 244 x 175 mm	35 lb / 15.9 kg	Consult
155117	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
155118	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
155119	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
155120	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
Dual Channel with BenchMark™ base system and bracket (second channel available for use with other bases)					
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
53828	14 Pin Y-cable, connects two remote DIGI bases	Consult
32375	Connector, 14-Pin Amphenol load cell (can be soldered to home run cable)	Consult
125062	Ethernet quick access coverplate for Counterpart	Consult
130537	USB 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 (129606 Spanish operator's manual)	Consult
121459	Front mount bracket	Consult
154700	Front mount bracket, S-YC	Consult
121474	Software download cable	Consult
121501	Stand, angled free standing for table top	Consult
128063	Power supply, 12V	Consult
15438	Power cord	Consult
Printers/Cables:		
132423	DT2 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 DT2	Consult
78860	Ethernet cross cable for direct connection to WeighVault	Consult
Scanner:		
121495	Kit, QD2100 RS-232 scanner, cable stand and DB9 quick connect cable (supplies power to scanner, reduces battery life)	Consult