

Counterpart®

Configurable Counting Indicator



Standard Features

- AC operated (battery operation is optional)
- LCD graphic transmissive display 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

Options

- Battery
- USB for USB keyboard
- WeighVault™ for Counterpart



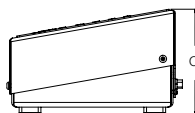
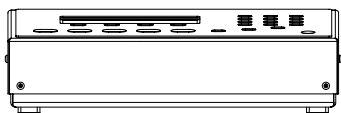
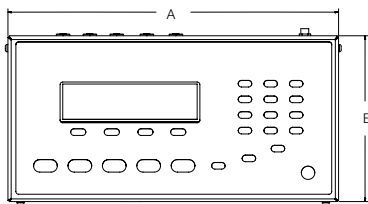
DIG® Scale Base



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)		



Approvals



Measurement
Canada
Approved



Specifications

Power Source:

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

Excitation Voltage:

5 VDC

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

Keypad:

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 support up to 115,200 bps
20 mA
Ethernet port
Setpoint output

Status Annunciators:

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

Units of Measure:

Pounds, kilograms, grams, ounces

Prints:

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

Optional Battery:

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

Operating Temperature:

10° F to 104° F (0° C to 40° C)

Operating Humidity:

85%

Physical Dimensions:

Indicator only (L x W x H): 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 CC 12-110
CE
UL listed
Measurement Canada

Part Number/Price

Part #	Model #	Capacity	Platter Dimensions	Est. 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-YC base system and bracket					
155089	CP-1	1 lb 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 lb x 0.0002 lb (1 kg x 0.0001 kg)	9.6 x 6.9 in (244 x 175 mm)	35 lb (15.9 kg)	Consult
155092	CP-5	5 lb x 0.0005 lb (2.5 kg x 0.0002 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155094	CP-10	10 lb x 0.001 lb (5 kg x 0.0005 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155097	CP-25	25 lb x 0.002 lb (10 kg x 0.001 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155101	CP-50	50 lb x 0.005 lb (25 kg x 0.002 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
Dual Channel with DIGI S-YC base system and bracket (second channel available for use with other bases)					
155115	CP-1	1 lb 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 lb x 0.0002 lb (1 kg x 0.0001 kg)	9.6 x 6.9 in (244 x 175 mm)	35 lb (15.9 kg)	Consult
155117	CP-5	5 lb x 0.0005 lb (2.5 kg x 0.0002 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155118	CP-10	10 lb x 0.001 lb (5 kg x 0.0005 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155119	CP-25	25 lb x 0.002 lb (10 kg x 0.001 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155120	CP-50	50 lb x 0.005 lb (25 kg x 0.002 kg)	13.4 x 11 in (341 x 284 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 lb x 0.01 lb (20 kg x 0.002 kg)	12 x 18 in (304.8 x 457.2 mm)	45 lb (20.4 kg)	Consult
125116	CP-100BM	100 lb x 0.02 lb (50 kg 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 2 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, keyboard only	Consult
125079	Quick access 9-Pin cover plate	Consult
120767	Quick access 14-Pin Amphenol cover plate	Consult
125495	Wireless LAN card Wi-Fi 802.11 A/B, optional kit	Consult
125546	WeighVault™ for Counterpart	Consult
77925	Revolution® PC software utility for setup	Consult
118677	Operators manual (Part #129606 Spanish operator's manual)	Consult
121459	Front mount bracket for Benchmark™ scales, S-XL bases	Consult
154700	Front mount bracket for S-YC scales	Consult
121474	Firmware download cable	Consult
121501	Stand, angled free standing for table top	Consult
128063	Power supply, 12 V (power cord sold separately)	Consult
15438	Power cord	Consult
Printers/Cables:		
167515	DT2x printer, 2 in direct thermal, 203 dpi, real time clock 110/240 VAC	Consult
65617	Direct thermal label, (W x L): 2.25 x 4.5 in, 1 in core, 5 in OD perfed	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, QD2131 RS-232 scanner, cable stand and DB9 quick connect cable (supplies power to scanner, reduces battery life)	Consult