

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



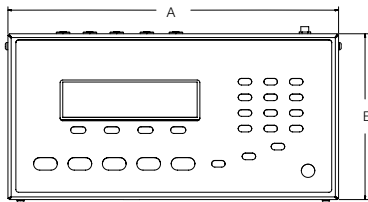
DIG® Scale Base



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, 1.5 A 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:

32° 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
179211	QWERTY keyboard, USB interface (requires 130537 USB interface option)	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

