

Counting Scales

TABLE OF CONTENTS

Rice Lake Counterpart® 334
Configurable Counting Indicator

DIGI® S-YC Series..... 336
Remote Scale Base Platforms

DIGI® DC-788 Series337
Industrial Counting Scales

DIGI® DC-782 Series 338
Portable Counting Scales

DIGI® DMC-782 Series..... 338
Portable Coin Counting Scales

A&D® Weighing HC-i Series..... 339
Industrial Counting Scales

A&D® Weighing FC-i/Si Series 339
High Resolution Counting Scales

OHAUS® Ranger™ Count 3000 340
Industrial Counting Scales

The following product names, logos, brands and other trademarks featured or referred to within this publication are the property of their respective trademark holders.

Configurable Counting Indicator

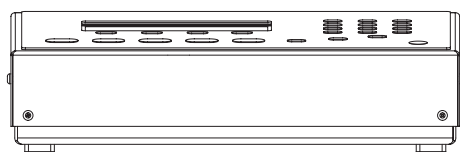


Measurement
Canada
Approved

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

- Wireless LAN
- Rechargeable battery
- USB connection for keyboard
- WeighVault™ software for ID entry, data registers and reports

Rice Lake Counterpart			
A	12.30 in (312 mm)	C	3.94 in (100 mm)
B	6.17 in (157 mm)		



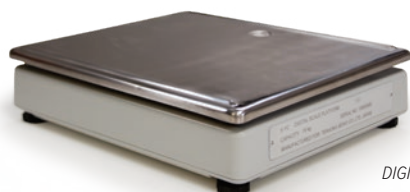
NTEP Certified CC 12-110
CE Marked
UL Listed
Measurement Canada AM-5918C

Part Number/Price

Part #	Model #	Capacity	Platter Dimensions	Est. Weight	Price
118788	CP single-channel indicator	Console only	—	10 lb (4.5 kg)	\$1,050.00
120770	CP dual-channel indicator	Console only	—	10 lb (4.5 kg)	\$1,080.00
132429	CP single-channel, EU power cord	Console only	—	10 lb (4.5 kg)	\$1,050.00
132431	CP dual-channel, EU power cord	Console only	—	10 lb (4.5 kg)	\$1,080.00
Single Channel with DIGI® S-YC base system and bracket					
155089	CP-1	1 × 0.0001 lb (500 × 0.05 g)	7.9 × 5.6 in (200 × 142 mm)	35 lb (15.9 kg)	\$1,450.00
155090	CP-2	2 × 0.0002 lb (1 × 0.0001 kg)	9.6 × 6.9 in (244 × 175 mm)	35 lb (15.9 kg)	\$1,450.00
155092	CP-5	5 × 0.0005 lb (2.5 × 0.0002 kg)	13.4 × 11 in (341 × 284 mm)	35 lb (15.9 kg)	\$1,395.00
155094	CP-10	10 × 0.001 lb (5 × 0.0005 kg)	13.4 × 11 in (341 × 284 mm)	35 lb (15.9 kg)	\$1,395.00
155097	CP-25	25 × 0.002 lb (10 × 0.001 kg)	13.4 × 11 in (341 × 284 mm)	35 lb (15.9 kg)	\$1,395.00
155101	CP-50	50 × 0.005 lb (25 × 0.002 kg)	13.4 × 11 in (341 × 284 mm)	35 lb (15.9 kg)	\$1,395.00
Dual Channel with DIGI S-YC base system and bracket (second channel available for use with other bases)					
155115	CP-1	1 × 0.0001 lb (500 × 0.05 g)	7.9 × 5.6 in (200 × 142 mm)	35 lb (15.9 kg)	\$1,500.00
155116	CP-2	2 × 0.0002 lb (1 × 0.0001 kg)	9.6 × 6.9 in (244 × 175 mm)	35 lb (15.9 kg)	\$1,500.00
155117	CP-5	5 × 0.0005 lb (2.5 × 0.0002 kg)	13.4 × 11 in (341 × 284 mm)	35 lb (15.9 kg)	\$1,470.00
155118	CP-10	10 × 0.001 lb (5 × 0.0005 kg)	13.4 × 11 in (341 × 284 mm)	35 lb (15.9 kg)	\$1,470.00
155119	CP-25	25 × 0.002 lb (10 × 0.001 kg)	13.4 × 11 in (341 × 284 mm)	35 lb (15.9 kg)	\$1,470.00
155120	CP-50	50 × 0.005 lb (25 × 0.002 kg)	13.4 × 11 in (341 × 284 mm)	35 lb (15.9 kg)	\$1,470.00
Dual Channel with BenchMark® base system and bracket (second channel available for use with other bases)					
125113	CP-50BM	50 × 0.01 lb (20 × 0.005 kg)	12 × 18 in (305 × 457 mm)	45 lb (20.4 kg)	\$1,525.00
125116	CP-100BM	100 × 0.02 lb (50 × 0.01 kg)	12 × 18 in (305 × 457 mm)	45 lb (20.4 kg)	\$1,525.00

Options/Accessories

Part #	Description	Price
124692	Rechargeable lithium-ion battery option	\$310.00
53828	14-pin Y-cable, connects 2 remote DIGI bases	\$90.00
32375	Connector, 14-pin Amphenol load cell (can be soldered to home run cable)	\$21.00
125062	Ethernet quick access coverplate for Counterpart	\$21.00
130537	USB connection for USB keyboard only	\$160.00
179211	QWERTY keyboard, USB interface (requires 130537 USB interface option)	\$47.50
125079	Quick access 9-pin cover plate	\$10.50
120767	Quick access 14-pin Amphenol cover plate	\$15.75
125495	Wireless LAN card Wi-Fi 802.11 a/b, optional kit	\$600.00
125546	WeighVault™ software for Counterpart	\$265.00
118677	Operators manual (Part #129606 Spanish operator's manual)	\$26.50
121459	Front mount bracket for Rice Lake BenchMark™ scales, S-XL bases	\$53.00
154700	Front mount bracket for DIGI S-YC scales	\$53.00
121474	Firmware download cable	\$37.00
121501	Stand, angled free standing for tabletop	\$84.00
128063	Power supply, 12 V (power cord sold separately)	\$58.00
15438	Power cord	\$25.00
Printers/Cables		
167515	GoDEX DT2x printer, 2 in direct thermal, 203 dpi, real time clock 110/240 VAC	\$365.00
65617	Direct thermal label, (W × L): 2.25 × 4.5 in, 1 in core, 5 in OD perforated	\$17.50
41276	Cable DB9M to blunt end RS-232 cable for DT2	\$77.00
78860	Ethernet cross cable for direct connection to WeighVault™	\$40.00
Scanner		
225024	Kit, QuickScan QD2131 RS-232 scanner, cable stand and DB9 quick connect cable (supplies power to scanner, can reduce battery run time)	\$430.00



DIGI® Scale Base



Shown with BenchMark®
Scale Base and Bracket

DIGI® S-YC Series

Remote Scale Base Platforms



Part Number/Price

Part #	Capacity	Est. Weight	Price
154835	500 g (1 lb)	7.7 lb (3.5 kg)	\$775.00
154836	1 kg (2 lb)	7.7 lb (3.5 kg)	\$775.00
154838	2.5 kg (5 lb)	11 lb (5 kg)	\$700.00
154839	5 kg (10 lb)	11 lb (5 kg)	\$700.00
154840	10 kg (20 lb)	11 lb (5 kg)	\$700.00
154841	25 kg (50 lb)	11 lb (5 kg)	\$700.00

Standard Features

- Stainless steel platter
- ABS injection-molded plastic base
- Single-point strain gauge load cell
- Adjustable legs
- Leveling bubble
- 14-pin connector on three-meter cable

Specifications

Output Impedance:

350 ± 5 ohm

Insulation Resistance:

> 500 megohm

Rated Output:

1.0016 mV/V

Load Cell Type:

K-Type DIGI cell

Load Cell Cable Length:

118 in (3 m)

Load Cell Color Code:

Green +Output
Yellow -Output
Black Shield
White -Input
Red +Input

Temperature:

Operating:
14 °F to 104 °F (-10 °C to 40 °C)

Dimensions:

13.4 × 11.1 × 3.5 in
(341 × 284 × 90 mm)

Platter Dimensions:

500 g: 7.9 × 5.6 in (201 × 143 mm)
1 kg: 9.6 × 6.9 in (244 × 177 mm)
2.5 to 25 kg: 13.4 × 11.1 in (341 × 284 mm)

Warranty:

Two-year limited



Approvals



Part Number/Price

Part #	Capacity	Weighing Resolution	Est. Weight	Price
88928 *	2 lb (1 kg)	0.0002 lb (0.0001 kg)	15 lb (7 kg)	\$875.00
88929	10 lb (5 kg)	0.002 lb (0.001 kg)	15 lb (7 kg)	\$875.00
88930	25 lb (10 kg)	0.005 lb (0.002 kg)	15 lb (7 kg)	\$875.00
88931	50 lb (25 kg)	0.01 lb (0.005 kg)	15 lb (7 kg)	\$875.00
88932	100 lb (50 kg)	0.02 lb (0.01 kg)	15 lb (7 kg)	\$1,095.00

*Non-NTEP

Options/Accessories

Part #	Description	Price
88933	Rechargeable battery—lead acid type	\$80.00
73386	Anti-static sample tray	\$26.00
32375	14-pin load cell connector, Amphenol (remote base, non-DIGI)	\$21.00
35319	14-pin load cell connector with 20 ft cable	\$72.00
91685	Additional operating and service manual	\$26.00
70056	Nine-pin printer cable to DT4, G500	\$40.00
72440	Nine-pin printer cable to Epson TM-U220/TM-U295 SP512	\$67.00
66535	Nine-pin cable to PC, null modem cable, to be used with Zebra printers	\$48.00
91214	AC adapter 110-230 VAC, U.S. plug	\$46.00
DIGI S-YC Remote Scale Bases		
154835	Base, S-YC 500g (1 lb) 7.9 x 5.6 in (201 x 143 mm) Platter, 3 m (118 in) Cable	\$775.00
154836	Base, S-YC 1 kg (2.5 lb) 9.6 x 6.9 in (244 x 177 mm) Platter, 3 m (118 in) Cable	\$775.00
154838	Base, S-YC 2.5 kg (5 lb) 13.4 x 11.1 in (341 x 284 mm) Platter, 3 m (118 in) Cable	\$700.00
154839	Base, S-YC 5 kg (10 lb) 13.4 x 11.1 in (341 x 284 mm) Platter, 3 m (118 in) Cable	\$700.00
154840	Base, S-YC 10 kg (25 lb) 13.4 x 11.1 in (341 x 284 mm) Platter, 3 m (118 in) Cable	\$700.00
154841	Base, S-YC 25 kg (50 lb) 13.4 x 11.1 in (341 x 284 mm) Platter, 3 m (118 in) Cable	\$700.00
Printers		
212409	Zebra ZD421D, direct thermal printer.	\$770.00
212406	Zebra ZD421T, thermal transfer printer	\$820.00
132425	Godex G500, 4 in direct/thermal transfer, 110/240 VAC printer	\$615.00
65617	Label, 2.25 in x 4.5 in, direct thermal	\$17.50

Standard Features

- Auto-recomputing function
- Negative sampling and counting (count out of a full container)
- Bright green LED
- Simultaneous weight display, unit weight, tare and quantity
- Net/gross weight display
- Lb/kg weight display conversion
- Full-duplex RS-232 output to PC or printer
- AC or rechargeable battery operation (battery optional)
- Choice of unit weight per thousand or average piece weight
- Remote scale capability
- 100 product look up registers
- NTEP for non-counting applications
- Remote scale interface

Specifications

Power:

AC: 115 VAC, 60 Hz
Optional battery: 6 V, 5.0 Ah

Battery Operation:

24 hours of continuous usage

Internal Resolution:

1/1,000,000

Weight Display Resolution:

1/5,000 NTEP, other selections capacity dependent

Display:

LED
Weight: Five-digit
Unit weight: Five-digit
Quantity: Seven-digit
Tare: Five-digit

Charge Time:

8 to 10 hours

Zero Adjust Range:

± 127% full scale

Input Sensitivity:

0.4 to 4 mV/V

Load Cell Excitation:

5 VDC

Number of Scale Channels:

One local
One remote

Memory Items:

100 items

Load Cell Input Connector:

Amphenol 14-Pin

Computer Interface:

RS-232 DB-9M connection

Temperature:

Operating:
23 °F to 104 °F (-5 °C to 40 °C)

Dimensions:

(L x W x H)
14.00 x 13.75 x 4.50 in
(354 x 349 x 115 mm)

Platter Dimensions:

2 lb: 7 x 10 in (178 x 254 mm)
10 to 100 lb: 10 x 13 in (254 x 330 mm)

Warranty:

Two-year limited

Approvals:

NTEP 07-015
(10 to 100 lb) Class III for weigh mode only
10 to 100 lb scales only

DIGI® DC-782 Series

Portable Counting Scales



Standard Features

- LCD with yellow backlight
- 10 preset keys for product ID
- 25 item memory
- Buzzer - low, ok, high

Specifications

Power:

AC: 120 VAC power supply (U.S. power cord)
Optional battery: Rechargeable

Battery Operation:

Charge time: 12 to 14 hours
Estimated runtime: 300 hours (no backlight)

Internal Resolution:

1/500,000

Weight Display Resolution:

1/7,500 or 1/6,000

Display:

Liquid crystal display (LCD) with backlight
Weight: five-digit
Unit weight: five-digit
Quantity: six-digit

Number of Scale Channels:

One local

Memory Items:

25

Temperature:

Operating:
14 °F to 104 °F (-10 °C to 40 °C)

Dimensions:

(L × W × H)
13.78 × 13.22 × 4.88 in
(350 × 336 × 124 mm)

Platter Size:

12.00 × 8.90 in
(305 × 226 mm)

Warranty:

Two-year limited

Part Number/Price

Part #	Capacity	Est. Weight	Price
108248	6 × 0.001 lb (3 × 0.0005 kg)	11 lb (5 kg)	\$557.00
108249	15 × 0.002 lb (6 × 0.001 kg)	11 lb (5 kg)	\$557.00
108250	30 × 0.005 lb (15 × 0.002 kg)	11 lb (5 kg)	\$557.00
108251	60 × 0.01 lb (30 × 0.005 kg)	11 lb (5 kg)	\$557.00

Options/Accessories

Part #	Description	Price
108516	Rechargeable battery	\$50.00
108518	AC adapter 110 - 230 VAC	\$50.00
109429	Manual	\$26.00
73296	Carrying case	\$205.00

DIGI® DMC-782 Series

Portable Coin Counting Scales



Standard Features

- Liquid crystal display (LCD) with yellow backlight
- 18 preset keys for product ID
- Programmable denomination unit weight and tare weight
- Accumulation
- Toggle display: count and money value
- Total amount calculation utilizing reverse counting

Options

- Rechargeable battery
- Carrying case

Specifications

Power:

AC: 120 AC power supply
Optional battery: rechargeable

Battery Operation:

Charge time: 12 to 14 hours
Battery life: 300 hours (no backlight)

Internal Resolution:

1/500,000

Weight Display Resolution:

1/7,500 or 1/6,000

Display:

LCD with backlight
Weight: five-digit
Denomination: five-digit
Quantity/Amount: six-digit

Number of Scale Channels:

One local

Memory Items:

18

Temperature:

Operating:
14 °F to 104 °F (-10 °C to 40 °C)

Dimensions:

(L × W × H)
13.7 × 13.2 × 4.8 in
(350 × 336 × 124 mm)

Platter Size:

(L × W)
8.90 × 12.00 in
(255 × 300 mm)

Warranty:

Two-year limited

Part Number/Price

Part #	Capacity	Est. Weight	Price
111317	6 × 0.001 lb (3 × 0.0005 kg)	11 lb (5 kg)	\$610.00
111318	15 × 0.002 lb (6 × 0.001 kg)	11 lb (5 kg)	\$610.00
111319	60 × 0.01 lb (30 × 0.005 kg)	11 lb (5 kg)	\$610.00

Options/Accessories

Part #	Description	Price
15438	Power cord	\$25.00
111781	Manual	\$26.00
108516	Rechargeable battery	\$50.00
73296	Carrying case, hard shell with locking latches	\$205.00

A&D® Weighing HC-i Series

Industrial Counting Scales



Standard Features

- Sealed removable display unit
- Automatic Counting Accuracy Improvement (ACAI)
- Audible Weighing Assist beeping function (AWA)
- Display function - Hi/OK/Lo
- Accumulation function
- Full-digital calibration function
- Auto power-off function

Options

- Rechargeable battery
- RS-232C

Specifications

Power Source:

AC adapter or optional SLA battery

Internal Resolution:

HC-3 Ki, 6 Ki, 30 Ki: 1/600,000
HC-15 Ki: 1/750,000

Display:

Seven-segment LCD
Character height: pcs 18.6 mm
Unit weight: 11.4 mm

Operating Time:

Approximately 80 hours without interface

Number of Scale Channels:

One local

Memory Items:

99 weight registers

Temperature:

Operating:
14 °F to 104 °F (-10 °C to 40 °C)

Dimensions:

(L × W × H)
12.40 × 13.00 × 5.00 in
(315 × 331 × 126 mm)

Platter Size:

11.8 × 8.3 in (300 × 211 mm)

Warranty:

Two-year limited

Part Number/Price

Part #	Model #	Capacity	Est. Weight	Price
112837	HC-3 Ki	6 × 0.001 lb (3 × 0.0005 kg)	11 lb (5 kg)	\$840.00
112838	HC-6 Ki	15 × 0.002 lb (6 × 0.001 kg)	11 lb (5 kg)	\$840.00
112839	HC15 Ki	30 × 0.005 lb (15 × 0.002 kg)	11 lb (5 kg)	\$840.00
112840	HC-30 Ki	60 × 0.01 lb (30 × 0.005 kg)	11 lb (5 kg)	\$840.00

Options/Accessories

Part #	Model #	Description	Price
112841	HC-03i	RS-232C for HC-i	\$95.00
112842	HC-06i	Rechargeable battery pack	\$53.00
97766	TB:662	AC adapter, 120 V, standard with unit	\$47.50

A&D® Weighing FC-i/Si Series

High Resolution Counting Scales



Standard Features

- Seven segment vacuum fluorescent display (VFD)
- LED keypad prompting for intuitive operator use
- Automatic Counting Accuracy Improvement (ACAI)
- Display function - Hi/Ok/Lo
- Rugged aluminum die-cast frame with splash-proof display and keyboard

Options

- Remote scale

Specifications

Power Source (included):

110 VAC 50/60 Hz AC adapter
230 VAC 50/60 Hz AC adapter

Internal Resolution:

Si Series: 1/5,000,000
FC-i Series: 1/1,000,000

Number of Scale Channels:

One local
One remote (optional)

Memory Items:

500 ID - six-digit ID, unit weight, tare weight, comparator limits, accumulator and 12-digit ID name

Weight Sensor:

Si: Super hybrid sensor (SHS)
FC-i: Strain gauge load cell

Temperature:

Operating:
Si: 41 °F to 104 °F (5 °C to 40 °C)
FC-i: 14 °F to 104 °F (-10 °C to 40 °C)

Dimensions:

(L × W × H)
13.0 × 18.2 × 4.6 in
(330 × 462 × 117 mm)

Est. Weight:

108351 to 108357 15 lb
108358 17 lb

Warranty:

Two-year limited

Part Number/Price

Part #	Model #	Capacity	Min Sample Weight	Pan Size	Price
108351	FC-500Si	1 × 0.00005 lb (500 g × .02 g)	0.0001g	5 × 5 in (127 × 127 mm)	\$2,080.00
108352	FC-5000Si	10 × 0.0005 lb (5 kg × .2 g)	0.001g	6.5 × 6.5 in (165 × 165 mm)	\$2,080.00
108353	FC-1000i	2 × 0.0002 lb (1 kg × .1g)	0.001g	8 × 6 in (203 × 152 mm)	\$1,530.00
108354	FC-2000i	5 × 0.0005 lb (2 kg × .2g)	0.002 g	11.8 × 11 in (300 × 279 mm)	\$1,530.00
108355	FC-5000i	10 × 0.001 lb (5 kg × .5g)	0.005 g	11.8 × 11 in (300 × 279 mm)	\$1,530.00
108356	FC-10Ki	20 × 0.002 lb (10 kg × 1g)	0.01g	11.8 × 11 in (300 × 279 mm)	\$1,530.00
108357	FC-20Ki	50 × 0.005 lb (20 kg × 2g)	0.02 g	11.8 × 11 in (300 × 279 mm)	\$1,530.00
108358	FC-50Ki	100 × 0.01 lb (50 kg × 5g)	0.05 g	11.8 × 11 in (300 × 279 mm)	\$1,530.00

Options/Accessories

Part #	Model #	Description	Price
108360	FC-05i	Remote scale connection	\$175.00
97613	TB:636	AC adapter 120 V - standard with unit	\$47.50
97631	TB:164	AC adapter 240 V	\$69.00

OHAUS® Ranger™ Count 3000

Industrial Counting Scales



Standard Features

- Weigh in kilograms, pounds, grams or ounces
- 30-item data storage
- Three backlit LCD display windows
- RS-232 output
- Quick stabilization

Options

- Ethernet
- Remote scale

Specifications

Power:

100 to 240 VAC, 50 to 60 Hz internal universal power supply

Resolution:

Internal: 1/500,000

Display:

Seven-segment 1/30,000, six-digit

Number of Scale Channels:

One local
One remote (optional)

Memory Items:

(30) 12-digit part number, average piece weights, check counting or checkweighing parameters, tare weights, accumulated weights or counts

Battery:

Lead acid, 210 hours, 12 hours recharge

Temperature:

Operating:
14 °F to 104 °F (-10 °C to 40 °C)

Dimensions:

(L × W × H)
12.2 × 12.9 × 4.6 in
(311 × 327 × 117 mm)

Platter Size:

11.8 × 8.9 in (300 × 225 mm)

Approvals:

NTEP Certified 13-022 3000 e
CAN/CSA-C22.2 No. 61010-1-04
UL Std. No. 61010-1 (2nd edition)

Warranty:

One-year limited

Approvals



Part Number/Price

Part #	Model #	Capacity	Est. Weight	Price
157273	RC31P1502	3 × 0.0001 lb (1.5 × 0.00005 kg) (48 × 0.002 oz) (1,500 × 0.05 g)	12 lb (5.45 kg)	\$1,075.00
157275	RC31P3	6 × 0.0002 lb (3 × 0.0001 kg) (96 × 0.05 oz) (3,000 × 0.1 g)	12 lb (5.45 kg)	\$1,075.00
157277	RC31P6	15 × 0.0005 lb (6 × 0.0002 kg) (240 × 0.01 oz) (6,000 × 0.2 g)	12 lb (5.45 kg)	\$1,075.00
157278	RC31P15	30 × 0.001 lb (15 × 0.0005 kg) (480 × 0.02 oz) (15,000 × 0.5 g)	12 lb (5.45 kg)	\$1,075.00
157279	RC31P30	60 × 0.002 lb (30 × 0.001 kg) (960 × 0.05 oz) (30,000 × 1 g)	12 lb (5.45 kg)	\$1,075.00

Options/Accessories

Part #	Description	Price
157280	Remote second scale option kit	\$168.00
154638	Ethernet kit	\$168.00