

DeckHand

Portable Scale

Specifications

- End Load Capacity:**
100% end loading
- mV/V Output:**
2 mV/V
- Cable length:**
9 ft 10 in (3 m)
- Height:**
Weighing platter: 4.5 in height when in weigh mode
- Column Height:**
59 in
- Warranty:**
DeckHand weldment five years, load cells two years, all other components one year
- Approvals:**
NTEP Certified, CC 98-004, Class III, 2500 d
Measurement Canada approved, AM-5218

Scale
Only



Standard Features

- Mild or stainless steel frame, base, and mast
- Diamond tread top plate, mild or stainless steel
- 500 lb, 1,000 lb, 2,000 lb capacity
- Large rubber wheels simplify movement on uneven floors
- Aluminum load cells (2)
- Standard indicator mount with integral handles for the IQ plus® 355, IQ plus 390-DC, IQ plus 510, IQ plus 590-DC, and IQ 700

APPROVALS



Measurement
Canada
Approved

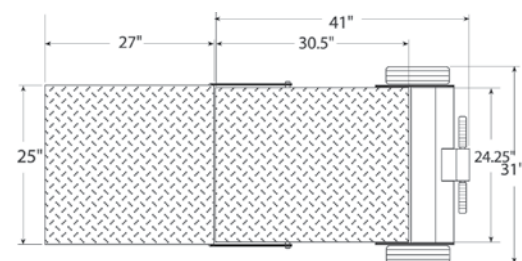
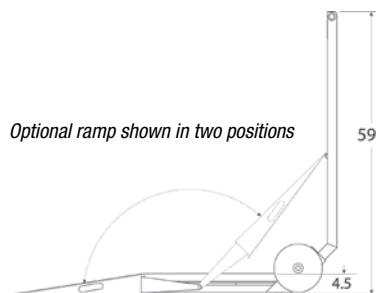


Part Number/Price

PART #	OVERALL SIZE (W X L X H)	CAPACITY	EST. SHIP WEIGHT	PRICE
Mild Steel				
41293	31 x 41 x 4.5 in	500 lb	336 lb	Consult
41294	31 x 41 x 4.5 in	1,000 lb	356 lb	Consult
41295	31 x 41 x 4.5 in	2,000 lb	373 lb	Consult
Stainless Steel				
41296	31 x 41 x 4.5 in	500 lb	336 lb	Consult
41297	31 x 41 x 4.5 in	1,000 lb	356 lb	Consult
41298	31 x 41 x 4.5 in	2,000 lb	373 lb	Consult

Options/Accessories

PART #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
Mild Steel			
43376	500/1,000 lb mild steel ramp		Consult
43378	2,000 lb mild steel ramp		Consult
Stainless Steel			
43377	Ramp assembly, 500/1,000 lb, stainless steel, 25 x 27 in		Consult
43379	Ramp assembly, 2,000 lb, stainless steel, 25 x 27 in		Consult
89576	Clam shell for 1260 load cell, stainless steel		Consult
Consult	Smooth top		Consult
DeckHand Portable Scale Optional Indicator Mounts			
41371	Mounting bracket for 320IS with battery option stainless steel		Consult



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482/482 Plus Legend Series Digital Weight Indicator

Specifications

Power:

Line voltages: 90-264 VAC
Frequency: 50 or 60 Hz
Estimated battery life: 40 hours (350 ohm load)

Excitation Voltage:

5 VDC, 8 x 350 Ω load cells

Analog Signal Input Range:

±7 mV/V

Analog Signal Sensitivity:

0.1 uV/graduation minimum,
0.5 uV/graduation recommended

Resolution:

Internal: 523,000 counts
Display: 100,000 graduations

Measurement Rate:

Selectable 5, 10, 20, 40 Hz

System Linearity:

Within 0.01% of full scale

Circuit Protection:

Immunity 10 V/m ESD ±10 KV air ±6KV contact

RFI Protection:

Capacitor bypass and ESD suppressors

Serial Output:

Com 1: RS-232 full duplex
Com 2: RS-232 full duplex or 20 mA simplex, continuous
Both ports 1200, 2400, 4800, 9600, 19200, 38400 baud 7 or 8 data bits, even, odd or no parity

Display:

LCD backlit display, 0.8 in (20 mm), 6-digit, 7-segment

Status Annunciators:

Gross, net, center of zero, standstill, lb, kg, tare, preset tare

Keyboard:

Flat membrane panel, embossed keys, tactile feel

(Optional) Analog Output:

16-bit resolution, voltage output 0-10 VDC, current output 0-20 mA / 4-20 mA

(Optional) Relay Board:

2 opto-isolated, 5 to 24 VDC, active high inputs. 2 inputs (requires relay output option). Primary keys, pseudo functions, batching functions.
(4) 30 VDC, 2 amp dry-contact relays

(Optional) Ethernet and USB Board:

USB 5-pin header for PC, printer or flash drive. Ethernet TCP/IP, RJ45 jack, server and client ports.

Operating Temperature:

Legal: 14° F to 104° F (-10° C to 40° C)
Industrial: 14° F to 122° F (-10° C to 50° C)

Weight:

6.4 lb (2.9 kg)

Rating/Material:

Enclosure: NEMA Type 4X/IP66, heavy-gauge stainless steel

Warranty:

Two-year limited warranty

Approvals:

Measurement Canada AM-5892, Accuracy Class III/IIHD, 10 000d
NTEP CC 12-123, Accuracy Class III/IIIL, 10 000d
OIML R76/2006-NL1-12.48, T5692, TC8322 Accuracy Class III, 10 000d
CE Marked
C-UL pending



APPROVALS



Measurement
Canada
Approved

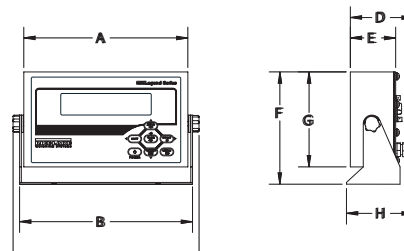


Standard Features

- LCD backlit display, 0.8 in (20 mm), 6-digit, 7-segment
- Time and date, battery backed
- Local/remote operation
- Numeric keypad (482 Plus)
- Keyed entries for tare and setpoint values (482 Plus)
- 2 independent serial ports, RS-232 and 20 mA
- NEMA Type 4X/IP66 stainless steel washdown enclosure
- Password protection for user and configuration changes
- Selectable conversion rate and display update rate
- Hardware or audit trail metrology sealing
- Programmable ticket formats for gross, net, accumulator and setpoints
- 5 continuous stream formats
- Adaptive filter or rolling average filter
- Configurable with Revolution® software
- Operator functions through menu for audit trail, preset tare, unit ID, accumulator, time and date, setpoints, communications and print formats
- 8 setpoints, sequenced batch engine

Options

- Analog output, 0-10 VDC, 0-20 mA, 4-20 mA, selection for 20% offset
- Relay output, 2 digital inputs, four dry contact relays (supports 2 boards)
- Ethernet TCP/IP and USB interface (requires cable)
- Battery, rechargeable lithium ion
Power for 40 hours of battery life on one 350ohm load
Power-saving modes for sleep and wake-up threshold



DIMENSIONS

A	9.50 in (241 mm)	E	2.75 in (70 mm)
B	10.00 in (254 mm)	F	7.00 in (177 mm)
C	11.00 in (279 mm)	G	6.00 in (152 mm)
D	3.65 in (92 mm)	H	3.75 in (95 mm)



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482/482 Plus Legend Series

Digital Weight Indicator

Part Number/Price: 482

PART #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
482 115 VAC †			
164581	482 LCD	8 lb	Consult
164582	482 LCD with internal battery	8 lb	Consult
482 90-264 VAC ††			
164672	482 LCD	8 lb	Consult
164583	482 LCD with internal battery	8 lb	Consult

Part Number/Price: 482 Plus

PART #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
482 Plus 115 VAC †			
164584	482 Plus LCD	8 lb	Consult
164585	482 Plus LCD with internal battery	8 lb	Consult
482 Plus 90-264 VAC ††			
164673	482 Plus LCD	8 lb	Consult
164586	482 Plus LCD with internal battery	8 lb	Consult



†† CEE 7/7 plug
Euro plug



† NEMA Type 5-15 plug

Options/Accessories

PART #	DESCRIPTION	PRICE
131340	Mounting bracket for option boards	Consult
131341	Analog output, 0-10 VDC, 4-20 mA (requires 131340)	Consult
131342	Relay board, 2 digital inputs, 4 dry contact outputs (requires 131340)	Consult
164600	USB and Ethernet TCP/IP (requires 131340)	Consult
164604	Ethernet cable with cord grip, 6 ft	Consult
164602	USB cable with cord grip, type A female, 6 in	Consult
167707	USB cable with cord grip, type A male, 6 ft	Consult
167708	USB cable with cord grip, type B male, 6 ft	Consult
165379	Flash update cable	Consult
164650	Battery kit, rechargeable lithium ion	Consult
151100	A/D sealing kit, used with audit trail tracking	Consult
151099	Panel mount bezel (not NEMA rated)	Consult
83564	Clear protective overlay (package of five)	Consult
77925*	Revolution* scale software	Consult
165124	Installation manual	Consult
Primary Replacement Components		
131345	Overlay, 480 6-key, red window	Consult
159612	Overlay, 480 Plus with numeric keys, red window	Consult
131346	Display board, LED	Consult
131316	Power supply, 85-265 VAC	Consult
131318	CPU board	Consult
131319	A/D board	Consult

* Revolution can be downloaded for free at www.ricelake.com



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