

380 Synergy Series

Digital Weight Indicator



Approvals



Measurement
Canada
Approved



Standard Features

- LCD display
- Alkaline battery powered
- Push-button and keyed tare
- Two communication ports
- Five tactile buttons
- Configurable print formats

Options

- Time/date
- External power supply

Part Number/Price

Part #	Description	Est. Weight	Price
202711	380 Universal battery powered	6.25 lb (3 kg)	Consult

Options/Accessories

Part #	Description	Price
206433†	External AC adapter	Consult
204258	Real time clock module	Consult
223864	Knob, stainless steel M6 x 1.0 inch	Consult

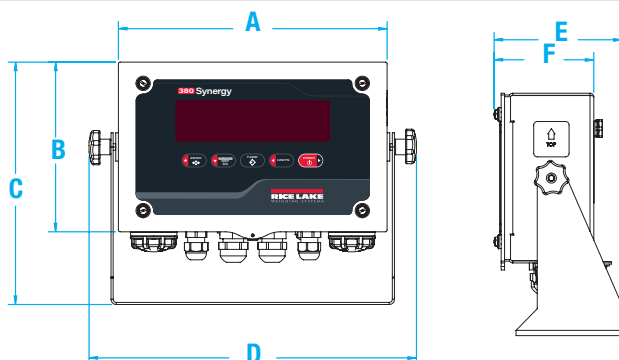
To have your option factory installed, please specify when placing your order.



† US plug (NA) - Type A

Dimensions

380 Synergy Series			
A	9.50 in (241 mm)	D	11.58 in (294 mm)
B	6.00 in (152 mm)	E	4.53 in (115 mm)
C	8.57 in (218 mm)	F	3.53 in (90 mm)



Specifications

Power:

Batteries: Four alkaline C-cell (not included)
Optional: 115/230 VAC to 12 VDC adapter

Power Consumption:

6 W max with optional external power adapter

Battery Life:

100 hours with one 350 ohm load cell, no backlight
45 hours with four 350 ohm load cells, low backlight
20 hours with eight 350 ohm load cells, low backlight

Excitation Voltage:

5 VDC, 8 × 350 ohm or 16 × 700 ohm load cells

Analog Signal Input Range:

-0.3 mV to +30 mV
Common mode voltage 0.7 V to 3.3 V

Analog Signal Sensitivity:

1 µV/graduation recommended

A/D Sample Rate:

Gen 1: 5, 6, 10, 12, 20, 25, 40, 50, 80, 100Hz
Software selectable
Gen 2: 6, 8, 12, 15, 30, 50, 60, 100, 120 Hz
Software selectable

Resolution:

Internal: 8,000,000 counts
Display: 100,000

System Linearity:

Within 0.01% full scale

Communication Ports:

One full-duplex RS-232
One USB 2.0

Annunciators:

g, lb, t, tn, kg, oz, battery level, PT, LT, gross, zero, unstable, net

Display:

Six 1 in (25 mm) tall, LCD digits

Keys/Buttons:

Five tactile buttons

Dimensions:

(L × W × H)
11.58 × 4.53 × 8.57 in
(294 × 115 × 218 mm)

Temperature:

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

Rating/Material:

IP66, 304 stainless steel

Weight:

6.25 lb (3 kg)

Warranty:

Two-year limited

EMC Immunity:

10 V/m

Approvals:

NTEP 21-051 Class III/IIIL 10,000 d
Measurement Canada AM-6184
CE Marked
UKCA
cULus Listed
IEC