

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

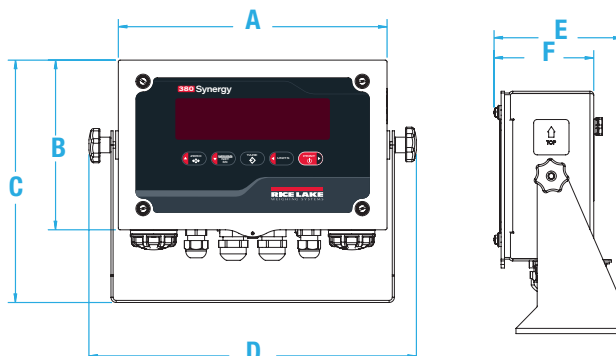
To have your option factory installed, please specify when placing your order.



† 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: 4 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 1 × 350 ohm load cell, no backlight
45 hours with 4 × 350 ohm load cells, low backlight
20 hours with 8 × 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:

5, 6, 10, 12, 20, 25, 40, 50, 80, 100Hz,
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:

5 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
cULus Listed

INDICATORS /
CONTROLLERS