

380X Synergy Series

Washdown Digital Weight Indicator



Specifications

Power:

Battery: Lithium ion
Charger: 120 VAC internal

Power Consumption:

25 W max with internal power

Battery Life:

45 hours, one 350 ohm load cell, no backlight
15 hours, four 350 ohm load cells, no backlight
10 hours, eight 350 ohm load cells, 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, 100 Hz
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 (three-wire)
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)
Operating: 14 °F to 122 °F (-10 °C to 50 °C)

Rating/Material:

IP69K, 304 Stainless steel

Weight:

6.25 lb (3 kg)

Warranty:

One-year limited on battery
Two-year limited on indicator and parts

EMC Immunity:

10 V/m

Approvals:

NTEP 21-051
Measurement Canada AM-6184
CE
UKCA
cULus
IEC

INDICATORS / CONTROLLERS

Approvals



Measurement
Canada
Approved



Standard Features

- LCD display
- Battery powered, internal charger
- Push button and keyed tare
- Two communication ports
- Five-tactile buttons
- Configurable print formats

Options

- Time/date

Part Number/Price

Part #	Description	Est. Weight	Price
214337	380X Universal battery powered	6.25 lb (3 kg)	Consult

Options/Accessories

Part #	Description	Price
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 B

Dimensions

380X 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)

