

380 Synergy

DIGITAL WEIGHT INDICATOR



RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703

www.ricelake.com

380 Synergy

DIGITAL WEIGHT INDICATOR



Utilize the 380 Synergy Series indicator for straightforward weighing systems including portable warehouse scales, material handling applications and more. The 380 can easily mount almost anywhere, making weight data visible exactly where you need it.

Durable Construction

A stainless steel, IP66 enclosure means the 380 Synergy is dust-tight and can stand up to high-pressure water. A bright, six-digit LCD display makes weight data easy to see.

Powerful, Straightforward Operation

The 380 Synergy is battery powered, providing up to 100 hours of continuous use. A five-button keypad makes operation quick and simple while RS-232 and USB ports make it easy to connect to peripheral equipment.

Configurable print formats allow you to print only the most important information to your application. Optional date/time and external power supply are also available to meet the needs of your application.

STANDARD FEATURES

- LCD display, six-digits 1 in (25 mm) tall
- Alkaline battery powered; requires 4 C-cell batteries (not included)
- Push button and keyed tare
- Two communication ports, RS-232 (three-wire), USB 2.0
- Five tactile buttons
- Configurable print formats
- 304 stainless steel, IP66 rated enclosure

OPTIONAL

- Time/date
- External power supply

SPECIFICATIONS

| | |
|-----------------------------------|--|
| POWER: | Batteries: 4 Alkaline C-cell Optional: 115/230VAC to 12VDC adapter |
| POWER CONSUMPTION: | 6 W max with optional external power adapter |
| BATTERY LIFE: | 100 hours on Alkaline batteries with one 350 Ω load cell, no backlight 45 hours on Alkaline batteries with four 350 Ω load cells, low backlight 20 hours on Alkaline batteries with eight 350 Ω load cells, low backlight |
| EXCITATION VOLTAGE: | 5 VDC, 8 x 350 Ω or 16 x 700 Ω load cells |
| ANALOG SIGNAL INPUT RANGE: | -0.3 mV to +30 mV Common Mode Voltage 0.7V to 3.3V |
| ANALOG SIGNAL SENSITIVITY: | 1 μ V/graduation recommended |
| A/D SAMPLE RATE: | 5, 6, 10, 12, 20, 25, 40, 50, 80, 100 Hz, software selectable |
| RESOLUTION: | Internal: 8,000,000 counts Display: 100,000 |
| SYSTEM LINEARITY: | Within 0.01% full scale |
| COMMUNICATION PORTS: | One RS-232 (three-wire) One USB 2.0 |
| STATUS 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 |
| TEMPERATURE RANGE: | Legal: 14 $^{\circ}$ F to 104 $^{\circ}$ F (-10 $^{\circ}$ C to 40 $^{\circ}$ C) Industrial: 14 $^{\circ}$ F to 122 $^{\circ}$ F (-10 $^{\circ}$ C to 50 $^{\circ}$ C) |
| DIMENSIONS (W X H X D): | 11.58 in x 8.57 in x 4.05 in (30 cm x 22 cm x 10 cm) |
| WEIGHT: | 6.25 lb (3 kg) |
| RATING/MATERIAL: | Enclosure: IP66, 304 Stainless steel |
| EMC IMMUNITY: | 10 v/M |
| WARRANTY: | Two-year limited warranty |

APPROVALS



CC 21-051,
Class III/II/L,
10,000 d



AM-6184



SALES AND TECHNICAL ASSISTANCE

RICE LAKE
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