

Instrumentation/Process Control

CONDEC™ UMC600

Digital Weight Indicator



STANDARD FEATURES

- Surge protection board
- Auto/manual batching modes
- 80,000 display graduations available
- RFI/EMI shielded
- Easy digital configuration and calibration
- Four control inputs/outputs
- Truck in/out weighing mode, 300 truck ID storage
- One 10-digit accumulator
- Five point linearization
- Keyboard customized serial output
- Time and date
- Front panel key lockout
- Temperature compensated - 18°F to 104°F (-10°C to 40°C)

APPROVALS



Measurement
Canada
Approved

SPECIFICATIONS

EXCITATION VOLTAGE:

10VDC, fixed, short-circuit proof
Load cell current: 240mA maximum
(8 350Ω load cells)

ANALOG SIGNAL INPUT RANGE:

0.7mV/V - 2.0mV/V "high span"
1.7mV/V - 3.2mV/V "low span"

CONVERSION RATE AT FULL SCALE:

10 updates per second, no averaging

RESOLUTION:

10,000 displayed graduations, expanded
80,000 (max.), 100,000 internal graduations

DISPLAY:

6-digit, 0.6in (15.2mm) red Light
Emitting Diode (LED) Display

FRONT-PANEL CONTROL SWITCHES:

Zero, Gross/Net, Tare, Print, Tare Recall, SP1,
SP2, Data Entry Keys

FRONT-PANEL ANNUNCIATORS:

Center Zero, Net, lb, kg, Motion (Red bar LEDs)

SERIAL OUTPUT:

Port 1: Full duplex RS-232*, 20mA current loop
(optional RS-485)
Port 2: Simplex RS-232*, 20mA current loop
*Floating ground may require isolation

SETPOINT OUTPUT CONTROL:

4 bi-polar 5VDC logic levels

KEYBOARD:

21 key overlay, pushbuttons switches

REMOTE CONTROL INPUTS:

4, 5VDC logic levels

POWER INPUT:

115/20VAC, 50/60Hz, or external DC

POWER CONSUMPTION:

14 watts
Battery option run time approx. 8 hours

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

RATING/MATERIAL:

NEMA 4x stainless steel

OVERALL DIMENSIONS:

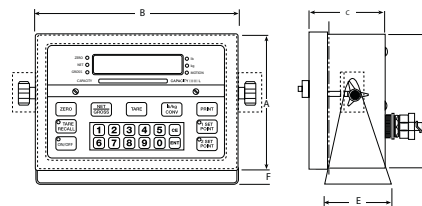
9.12in L x 6.62in H x 4.18in W
(251mm L x 168mm H x 106mm W)
Weight: Approximately 9.5lb 4.3kg

APPROVALS:

NTEP Certified, CC# 00-004A1; Measurement
Canada Approved S-WA-4131

WARRANTY:

Two-year limited warranty



DIMENSIONS			
A	6.62in (168.1mm)	D	6.34in (161.0mm)
B	9.12in (231.6mm)	E	3.94in (100mm)
C	4.18in (106.2mm)	F	0.90in (22.9mm)