



STANDARD FEATURES

- 0.75in (19mm), seven-digit Vacuum Fluorescent Display (VFD)
- 16-character 0.25in (6.3mm) VFD prompting display
- Eight configurable operator prompts
- Three digital inputs and four digital outputs
- Selectable A/D measurement rates up to 120/second
- Two communication ports:
EDP port—full duplex, RS-232 and RS-485
Printer port—full duplex, RS-232 or 20mA current loop
- Five programmable ticket formats for Gcs, Net, Setpoints, Count, and EDP format
- Eight setpoint kinds
- Programmable steam print format
- Time and date
- Push-button or scrollable tag entry
- Over/accept/under checkweigh mode
- Front panel or serial configuration/calibration
- Five point linearization calibration
- Millivolt calibration
- Gravitational compensation calibration
- Power for eight 350 load cells or 16, 700 load cells**
- Expansion port for option card
- Key functions: zero, gross/net, tag, units, print
- Desktop model with panel mount kit can be mounted in existing UMC2000 cutouts
- Peak hold
- Accumulator

APPROVALS



SPECIFICATIONS

POWER:

Line voltages: 115 or 230 VAC
Power consumption: 200 mA @ 115 VAC
160 mA @ 230 VAC
Frequency: 50 or 60 Hz

EXCITATION VOLTAGE:

10 VDC, 8 x 350 Ω or 16 x 700 Ω load cells

ANALOG SIGNAL INPUT RANGE:

0.3 mV/V – 4 mV/V

ANALOG SIGNAL SENSITIVITY:

0.3 μV/graduation @ 7.5 Hz,
1.5 μV/graduation @ 120 Hz

A/D SAMPLE RATE:

7.5 – 120 Hz, software selectable

RESOLUTION:

Internal resolution: Approximately 8 million counts
Display resolution: 100,000 dd

SYSTEM LINEARITY:

0.01% of full scale

DIGITAL I/O

Digital inputs: 3 inputs, TTL or switch closure, active-low
Digital outputs: 4 outputs, current limited with TTL pull-up

UPDATE RATE:

60 times/seconds

CIRCUIT PROTECTION:

RFI, EMI, ESD protection

SERIAL OUTPUT:

EDP port: Full duplex RS-232 or RS-485
Printer port: Full duplex RS-232 or active 20mA current loop output, 2 wire
Both ports: 300 to 19,200 bps; 7 or 8 data bits; even, odd or no parity

DISPLAY:

Vacuum Fluorescent Display (VFD), 7-digit, 14-segment primary weight display. 2 character unit descriptions
16-character dot matrix display for additional symbols, user prompts

KEYBOARD:

5-key membrane panel, tactile feel

OPERATING TEMPERATURE:

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

WEIGHT:

6 lb (2.7 kg)

RATING/MATERIAL:

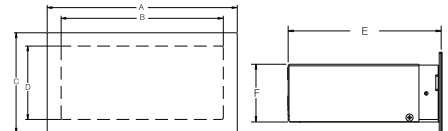
NEMA 4X/IP66 exterior panel surface, stainless steel (panel mount only)
Non-NEMA, painted steel (desktop)

APPROVALS:

NTEP - certified at 10,000 Divisions, Class III/III, CC# 01-087
Measurement Canada approved, AM-5425; Class III/III HD at 10,000 divisions
OIML at 10,000 divisions (GB-1160)
Desktop CUL listed
Panel mount RU recognized
CE marked

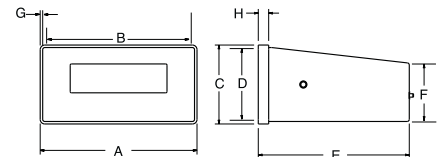
WARRANTY:

Two-year limited warranty



DIMENSIONS - PANEL MOUNT			
A	7.36 in (186.9 mm)	D	2.84 in (72.1 mm)
B	6.22 in (157.9 mm)	E	7.35 in (186.6 mm)
C	3.88 in (98.5 mm)	F	2.75 in (69.8 mm)

Dashed line represents cutout in panel



DIMENSIONS - DESKTOP			
A	7.55 in (191.7 mm)	E	7.27 in (184.6 mm)
B	7.34 in (186.4 mm)	F	2.75 in (69.8 mm)
C	3.80 in (96.5 mm)	G	0.12 in (3.05 mm)
D	3.56 in (90.4 mm)	H	0.50 in (12.7 mm)

** Option cards reduce the number of load cells that can be powered

(Specifications continued on next page)