

UMC

444-555

digital weight indicators



**CONDEC**   
Genuine Quality, Proven Performance.



## Proven performance where it matters...

In the trenches. The UMC444 and UMC555 have been among the hardest working, most reliable weight indicators in the industry. Built with integrity, these NTEP certified indicators provide legendary toughness derived from over 20 years of electrical design and manufacturing experience. Features like temperature compensation and RFI/EMI

shielding safeguard the indicator in demanding industrial environments.

Not only do the UMC444 and UMC555 provide unmatched durability, they are easy to operate. Features like front-panel configuration and calibration, a simple four-button keypad, and super-bright LEDs increase operator accuracy and consistency. Optional battery power and a variety of mounting choices ensure convenient weighing in remote settings. Both models are designed to optimize a variety of industrial applications, including straight weighing, mechanical conversions, tank scales, platform scales, truck scales and railroad track scales.

The UMC444 and UMC555 deliver easy operation, legendary toughness, and proven performance businesses can rely on. They're not just indicators—they're Condec's.

### Standard Features

- Four-button operation
- .6" Light Emitting Diode (LED) display
- Mild steel enclosure
- Tilt stand base
- Front-panel calibration
- Zero, Net/Gross, Tare, and Print keys
- Excitation for 8, 350-ohm load cells at 10 VDC
- Duplex serial (RS-232 or 20mA)

### Specifications

- LOAD CELL EXCITATION:**  
10 VDC, fixed, short-circuit proof
- LOAD CELL CURRENT:**  
24 mA maximum (8, 350-ohm load cells)
- ANALOG SENSITIVITY:**  
0.3 microvolts/graduation maximum
- CONVERSION RATE AT FULL SCALE:**  
10 updates per second, no averaging
- RESOLUTION:**  
10,000 display grads, 80,000 internal grads
- DISPLAY:**  
6-digit, 0.6" (15.2mm) red Light Emitting Diode (LED)
- LB/KG SWITCHING:**  
Via customer supplied switch, with conversion for weight, tare values
- SERIAL OUTPUT:**  
Port 1: Bidirectional RS-232 or 20 mA;  
Port 2: Simplex RS-232, 20 mA current loop
- AZM (ZERO TRACK):**  
"Gross" mode only
- FILTERING:**  
5 Hz analog, selectable digital
- POWER INPUT:**  
115/230 VAC, 50/60 Hz, or external DC
- POWER CONSUMPTION:**  
15 watts
- OPERATING TEMPERATURE:**  
14°F to 104°F (-10°C to 40°C)
- RATING/MATERIAL:**  
Mild steel, tilt stand base standard
- WEIGHT:**  
Approximately 5.5 lb (2.5 kg)
- APPROVALS:**  
NTEP certified
- WARRANTY:**  
2-year limited



Measurement  
Canada  
Approved

Features/Options	444	555
<b>ENCLOSURE:</b>		
Mild steel painted enclosure with tilt stand	•	•
Mild steel painted enclosure with panel mount brackets	•	•
Uncased board set	•	•
<b>INPUT POWER:</b>		
115 VAC, 60 Hz	•	•
230 VAC, 50 Hz	•	•
12 VDC (external output)	•	•
115 VAC with battery	•	•
230 VAC with battery	•	•
<b>OPTIONS:</b>		
Analog output 0-10 VDC; analog output 4-20 mA	•	•
Battery pack	•	•
Parallel BCD	•	•
<b>LOAD CELL TERMINATION:</b>		
RFI shielded	•	•
RFI shielded with load cell connector	•	•

Your authorized distributor is:



ISO 9001 REGISTERED

230 W. Coleman St. • Rice Lake, WI 54868 • USA  
Toll Free: 888-295-8475 • International: 715-234-9171  
FAX: 715-234-6967 • WEB SITE: www.4condec.com

Copyright 2001 PN 64664 2/01  
Specifications subject to change without notice