

UMC

444-555

digital weight indicators



**CONDEC**   
Genuine Quality, Proven Performance.



## Proven performance where it matters...

In the trenches. The UMC444 and 555 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. For

protection against harsh washdown, the 444's optional NEMA 4X stainless steel enclosure guarantees years of accurate weighments.

Not only do the 444 and 555 provide unmatched durability, they are easy to operate. Features like front-panel configuration and calibration, a simple four-button keypad, and super-bright LEDs allow even inexperienced operators to secure the most accurate weighments. Optional battery power and a variety of mounting choices ensure convenient weighing in remote settings. Perfect for straight weighing, mechanical conversions, tank scales, platform scales, truck scales, railroad track scales, and a variety of industrial applications, the 444 and 555 provide proven performance you can trust.

### 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



### Features/Options

444 555

#### ENCLOSURE:

Mild steel painted enclosure with tilt stand • •  
Mild steel painted enclosure with panel mount brackets • •  
Uncased board set • •

#### INPUT POWER:

115 VAC, 60 Hz • •  
230 VAC, 50 Hz • •  
12 VDC (external output) • •  
115 VAC with battery • •  
230 VAC with battery • •

#### OPTIONS:

NEMA 4X stainless steel enclosure (internal set-up switch) • •  
Analog output 0-10 VDC; analog output 4-20 mA • •  
Battery pack • •  
Parallel BCD • •

#### LOAD CELL TERMINATION:

RFI shielded • •  
RFI shielded with load cell connector • •



UMC444 shown with optional  
NEMA 4X stainless steel enclosure

Your authorized distributor is:

**CONDEC**  
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