



### STANDARD FEATURES

- Four-button operation
- Mild steel NEMA 1 enclosure
- Tilt stand base
- Front panel calibration
- Zero, net/gross, tare and print keys

### APPROVALS



### SPECIFICATIONS

#### EXCITATION VOLTAGE:

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

#### ANALOG SIGNAL INPUT RANGE:

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

#### CONVERSION RATE AT FULL SCALE:

10 updates per second, no averaging

#### RESOLUTION:

10,000 displayed graduations  
80,000 internal graduations

#### DISPLAY:

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

#### FRONT-PANEL CONTROL SWITCHES:

Zero, Gross/Net, Tare, Print

#### 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-485/422)

Port 2: Simplex RS-232\*, 20mA current loop  
\*Floating ground may require isolation

#### POWER INPUT:

115/230VAC, 50/60Hz, or external DC  
Power consumption: 15 watts

#### OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

#### RATING/MATERIAL:

Mild steel, NEMA 1 general purpose, tilt stand  
base standard

#### WEIGHT:

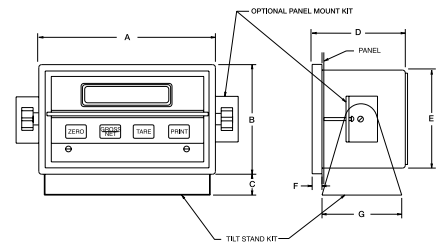
Approximately 5.5 lb (2.5 kg)

#### APPROVALS:

NTEP Certified, CC# 00-005  
Measurement Canada approved,  
MALSWA-4408 rev. 4

#### WARRANTY:

Two-year limited warranty



#### DIMENSIONS

<b>A</b>	7.75 in (196.8mm)	<b>D</b>	4.09 in (103.9mm)
<b>B</b>	4.81 in (122.2mm)	<b>E</b>	4.31 in (109.5mm)
	0.92 in (23.4mm) or	<b>F</b>	4.31 in (109.5mm)
<b>C</b>	2.06 in (52.3mm)	<b>G</b>	3.50 in (88.9mm)

<b>PART #</b>	<b>DESCRIPTION</b>	<b>EST. SHIP WEIGHT</b>
<b>115 VAC</b>		
19189.....	UMC555AAAC, w/tilt stand.....	7.5lb .....
61959.....	UMC555BAAC, w/panel mount brackets.....	7.5lb .....
61178.....	UMCCAAC, uncased board set .....	7.5lb .....
61224.....	UMC555AACC, w/tilt stand, parallel BCD .....	7.5lb .....
61237.....	UMC555AADC, w/tilt stand, analog output 0-10VDC; Analog output 4-20mA.....	7.5lb .....
61869.....	UMC555AAAC-35, w/tilt stand, w/internal BCD.....	8lb .....
64572.....	UMC555BAAC-35, w/panel mount brackets, w/internal BCD .....	8lb .....
<b>12 VDC (External input)</b>		
61363.....	UMC555CCAC, uncased board set, 12VDC .....	7.5lb .....
62269.....	UMC555BCAC, w/panel mount brackets, 12VDC .....	7.5lb .....
61373.....	UMC555ACAC, w/tilt stand, 12VDC.....	7.5lb .....
<b>230 VAC</b>		
61279.....	UMC555ABAC, w/tilt stand .....	7.5lb .....
62112.....	UMC555BBAC, w/panel mount brackets.....	7.5lb .....

**OPTIONS/ACCESSORIES**

19576.....	BCD output, external, 115VAC .....
55458.....	BCD output, external, 230VAC .....
60048.....	BCD output, internal assembly.....
19578.....	Analog output, 0-10/4-20 mA, 115VAC .....
16815.....	Technical manual .....
55262 .....	Panel mount brackets.....

**UMC555 PART NUMBERING GUIDE**

UMC555 ( ) ( ) ( ) ( )

**ENCLOSURE** \_\_\_\_\_

A = Mild steel painted enclosure with tilt stand  
 B = Mild steel painted enclosure with panel mount kit\*  
 C = Uncased board set

**INPUT POWER** \_\_\_\_\_

A = 115VAC, 60Hz  
 B = 230VAC, 50Hz  
 C = 12VDC (external output)

**OPTIONS** \_\_\_\_\_

A = Standard RS-232  
 C = Parallel BCD, 115VAC (PN 19576)  
 D = Analog output 0-10VDC; analog output 4-20 mA (115VAC part #19578) (230VAC #55469)

**LOAD CELL TERMINATION** \_\_\_\_\_

C = RFI - shielded

\* Panel mount kit is not NEMA rated

All other part number configurations are available as special order units.