

UMC

600

digital weight indicator



**CONDEC**  
Genuine Quality, Proven Performance.



## Performance you can trust.

Whether you're running a harsh chemical batching routine or simply weighing parts, your results depend on the performance of your weight indicator.

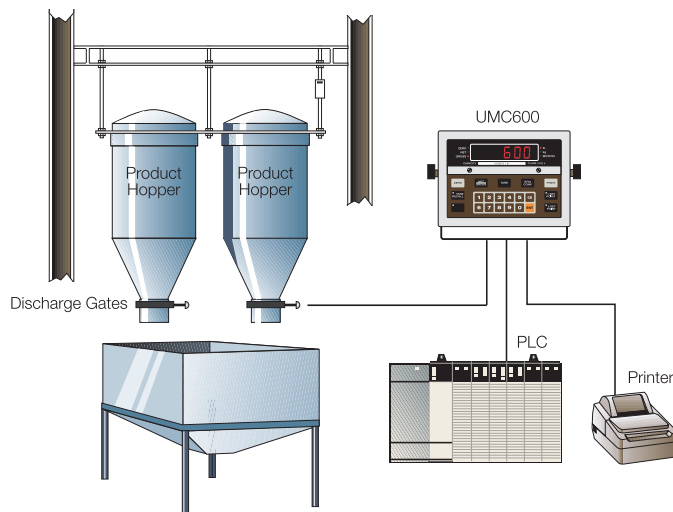
The UMC600 is fully-loaded with features that allow it to perform in a wide range of applications. A NEMA 4X stainless steel washdown enclosure and RFI/EMI shielding provide all the protection you'll need in the most demanding industrial environments. Instead of one calibration point, the UMC600's five-point linearization allows you to optimize calibration points between minimum

and maximum capacity loads, offering greater consistency.

Accuracy is further enhanced by automatic zero tracking and up to 80,000 display graduations. Designed to increase operator productivity, the UMC600 features configuration prompting sequences and a bright display, available as LED or LCD, that's visible from all angles.

The UMC600's versatile features allow it to excel in a variety of industrial applications. Ideal for use with truck scales, the UMC600 offers a truck in/out weighing mode that provides memory for up to 300 ID numbers and corresponding weights. For simple batching routines, users have the flexibility of choosing between auto or manual batching modes. Precision control of fast/slow filling, checkweighing and general industry weighing is provided by two programmable setpoints, a high/low alarm, and over/under control. What's more, the UMC600 is easily integrated into a variety of process control applications with 16-bit analog output.

For consistent accuracy and durability, rely on the UMC600.



The UMC600's versatile features allow it to work with a wide variety of applications, ranging from truck scales to two-ingredient batching, fast/slow filling and checkweighing.

## Standard Features

- Auto and manual batch modes
- Easy digital configuration and calibration
- 80,000 display graduations available
- Four control inputs/outputs
- One 10-digit accumulator
- Five-point linearization
- Keyboard customized serial output
- Time and date
- Front panel key lockout
- Temperature compensated
- Stainless steel with tilt stand, panel mount brackets, uncased board set or flange mount
- LED or LCD display

## Options

- Relay board with solid state relays, dry contact relays or 4 solid state relays
- Board, analog output
- RS485 4-wire option

## Specifications

- LOAD CELL EXCITATION:**  
10 VDC, fixed, short-circuit proof
- LOAD CELL CURRENT:**  
240 mA maximum (8 350-ohm 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:**  
10 updates per second, no averaging
- RESOLUTION:**  
10,000 display graduations, expanded 80,000 (max.), 80,000 internal graduations
- DISPLAY:**  
6-digit, red Light Emitting Diode (LED) Display, 0.6" (15.2mm)
- POWER INPUT:**  
115/230 VAC; 50/60 Hz, or external DC
- OPERATING TEMPERATURE:**  
14F to 104F (-10°C to 40°C)
- RATING/MATERIAL:**  
NEMA 4X polished stainless steel housing
- APPROVALS:**  
NTEP certified,  
CE marked  
(on selected models)
- WARRANTY:**  
Two-year limited



**CONDEC**

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