

UMC

600·IS

intrinsically safe
digital weight indicator



CONDEC 
Genuine Quality, Proven Performance.

UMC 600-IS

hazardous environment digital weight indicator



The UMC600 IS with battery power supply

keypad, make setup and operation a snap. Providing high-accuracy features that excel in hazardous environments, the UMC600 IS is ideal for a variety of demanding applications, including chemical plants, fertilizer plants, fueling stations, mixing plants, and paint and ink manufacturing. Offering either LCD or LED display and optional intrinsically-safe battery supply, the UMC600 IS excels in light, dark and remote settings.

Reliability you can trust.

For hazardous environment weighing, trust the UMC600 IS. This intrinsically safe digital weight indicator provides unparalleled protection and stability in a variety of industrial applications. Features such as temperature compensation and a NEMA 4X stainless steel enclosure offer extra protection for years of dependable performance.

The UMC600 IS is more than intrinsically safe, it's loaded with features that simplify the weighing process. Front-panel calibration and mode switch, along with a full numeric

Standard Features

- Auto and manual batch modes with setpoint output via serial communications
- Bidirectional 20mA current loop port
- Light Emitting Diode (LED) or Liquid Crystal Display (LCD)
- Stainless steel NEMA 4X enclosure
- Time and date
- Tilt stand
- Gross/Tare/Net computation
- Front-panel calibration

Options

- Analog output, 0-10 VDC or 4-20mA (safe area option requires I/O barrier)
- I/O barrier assembly

Specifications

LOAD CELL EXCITATION:

5 VDC, fixed

LOAD CELL CURRENT:

57 mA (4 350-ohm load cells)

ANALOG SIGNAL INPUT RANGE:

0.3 uV/V – 3.3 mV/V

CONVERSION RATE:

10 updates per second

RESOLUTION:

10,000 display grads (NTEP), 80,000 expanded

DISPLAY:

6-digits, Light Emitting Diode (LED) or Liquid Crystal Display (LCD), 0.6" (15.2mm), 7 segment display digits

POWER INPUT:

115 VAC; 50/60 Hz, or 6 VDC battery option

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

RATING/MATERIAL:

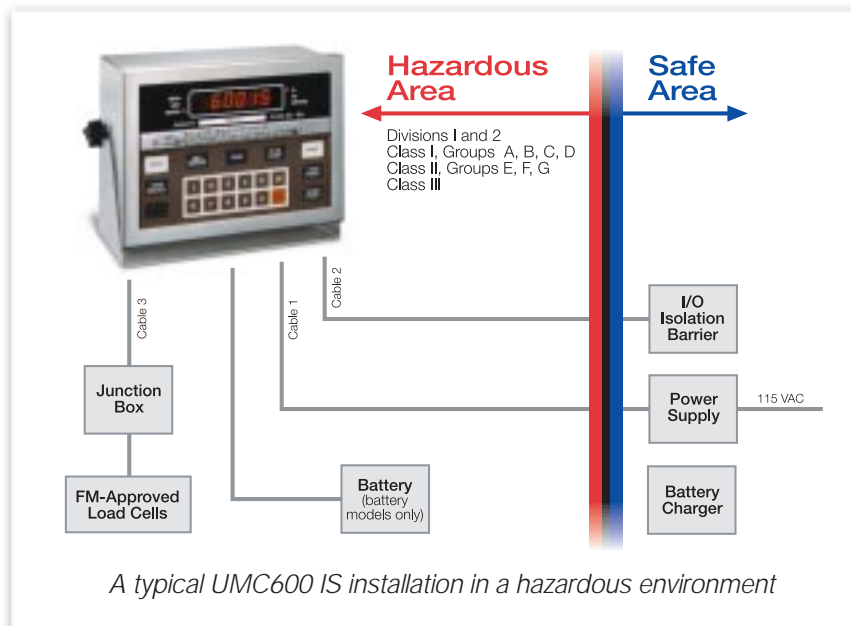
NEMA 4X polished stainless steel housing

APPROVALS:

Factory Mutual approved, #J.I. 1B2A9.AX (AC power) and #J.I. 3000436 (battery module)

WARRANTY:

One-year limited



WARNING! This instrument and any accompanying equipment must be installed and serviced by an authorized technician paying explicit attention to all specifications and installation instructions as outlined in the UMC600 IS installation manual. Improper specification, installation, or service of this instrument and any accompanying equipment could result in damage to equipment or property, or personal injury.

Your authorized distributor is:

CONDEC
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