

ashbee

**Robust, Rugged and Accurate
Digital Weight Indicator Model
UMC from Ashbee**



Features:

- **Bright Red Display**
- **Reliable**
- **Highly Stable**
- **High Accuracy**
- **Thousands of Units installed in the field**



Technical Specifications:

1. **Load Cell Excitation** : 12 VDC Fixed, Short Circuit Proof
2. **Load Current** : 300mA. (4 X 350Ω Load cells) or
(8 X 700Ω Load cells)
3. **Interconnection Cable** : 6 Wire shielded cable (Long Distance Automatic Compensation)
4. **Analog Signal Input Range** : 7.5mV to 30mV
5. **Analog Signal Sensitivity** : 0.75μV –20μV / division
6. **Conversion Rate** : Switch Selectable Averaging
7. **Integration Time** : 16.7mS Standard
8. **Calibration Mode** : Through Dip switches and pots.
9. **Display Resolution** : 10000 divisions external, 50000 divisions internal
10. **Display Increments** : 1/2/5/10/20/50/100
11. **Display Cycle** : 20 Updates/ Sec Typical
12. **AZM (Zero Track)** : By DIP Switch Selection (Off, $\pm 1/2$, ± 1 , or ± 3 Divisions)
13. **Operational AZM Aperture** : $\pm 1.9\%$ or 100% of Selected Full Scale Capacity, Switch Selectable
14. **Motion Time Sensitivity** : Fixed at one Second
15. **Display** : 6 Digit bright Red LED 0.43" height & 3 Indications of weighing operation mode
16. **Keys** : 4 Keys (Zero, Gross/ Net, Auto tare, Print) of slight-touch membrane switch.
17. **Display Check** : All Digit Segments and LED annunciations illuminated for 2 seconds at power up
18. **Serial Communication Interface** : RS232C / 20mA Current Loop
Baud Rate(Selectable) : 300/1200/4800
19. **Working Environment** : Power Supply: 220VAC, 50Hz.
Operating Temp. : 0 - 50 °C
Storage Temp. : -25 °C - 65 °C
Relative Humidity: <=95%RH
Fuse : 100mA
20. **Weight** : 4.4Kg. Approx.

APPLICATION RANGE:

Electronic Weighbridge, Electronic Floor Scale, Conversion Kits and Static Weighing System with 1-6 Load Cells.

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