

**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,  $\pm 1/2$ ,  $\pm 1$ , or  $\pm 3$  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.**

### **Ashbee Systems Pvt. Ltd.**

#### **Factory & Registered Office**

C-64, Okhla Industrial Area, Phase-I, New Delhi-110 020 (India) Tel: 91-11-26816687/88/89/90, 26818945  
Fax: 91-11-26816566.

**Sales & Service Offices** : **Delhi**: 28 Rani Jhansi Road, New Delhi – 110 055. (India) Tel: 91-11-23535312/23615286 / 23523745 Fax No: 91-11-23638898 **Ahmedabad**: 506 Golden Triangle, 5<sup>th</sup> Floor, Navrangpura, Ahmedabad-380 009 (India) Tel: 91-79-26402791, Mobile 9825006163 **Ludhiana**: Regal Building, Near Congress 'I' district Office, G.T. Road, Ludhiana, Punjab (India) Tel: 91-161-2721670 Mobile 9815615158 & 9815336910

E-mail : [info@ashbee.com](mailto:info@ashbee.com) Website : [www.ashbee.com](http://www.ashbee.com)