

Live Ranges Of 5 Kilograms To 100 Kilograms

The "ADVANCE WEIGH-CELL" is the basic sensing tool for systems designed and built by ADVANCE WEIGHT SYSTEMS, INC. It's exclusive design provides a ruggedly dependable and highly accurate device, particularly well suited to the industrial weighing environment.



This extremely versatile weighing tool features an adjustable damper that allows readings in as fast as 120 milliseconds on most models.

The mass-balanced design allows for counter-balancing dead loads and greatly reduces sensitivity to external vibration.

THE EXTREMELY VERSITILE 41X SERIES, FEATURES:

- Adjustable Damper That Yields Readings as Fast as 130 Milliseconds
- Features a single cell strain gage system that meets shift test requirements for off-center loading
- Our standard is 0.05% using full load.
- Mass Balanced Design Eliminates Effects of External Vibration

SPECIFICATIONS:

- Physical Size: 7.50" Tall X 14.0" Wide X 18.0" Long
- Transducer Strain gage, 350 ohm full bridge
- Excitation 10 to 15 Volts DC (15 Volts Recommended)
- Temperature Coefficient: $\pm 0.003\%$ per degree Fahrenheit for span and zero
- Overload Mechanical Safety Stops Allow 200 KG Overload

Model Number	412	413	414	416	418
Full Scale Range	5 Kg	10 Kg	25 Kg	50 Kg	100 Kg
Dead Load Capacity	10 Kg	25 Kg	25 Kg	25 Kg	25 Kg
Sensitivity (mv/volt)	1.5 mv/v	1.5 mv/v	1.5 mv/v	1.5 mv/v	1.5 mv/v
Repeatability(%F.S.)	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01
Linearity (%F.S.)	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03
Hysteresis (%F.S.)	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01
Creep (%F.S. @ 20 min)	± 0.02	± 0.02	± 0.02	± 0.02	± 0.02