

**LIVE RANGES OF 300 GRAMS TO 10 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.



**SPECIFICATIONS:**

Transducer	Strain gage, 350 ohm full bridge
Overload	Mechanical Safety Stops Allow 100 pounds overload
Excitation:	10 - 15 volts DC
Temperature Coefficient:	±0.003% per degree Fahrenheit for span and zero

Model Number	202	203	204	206	208	210
<b>Full Scale Range</b>	300 gram	500 gram	1000 gram	2000 gram	5000 gram	10000 gram
<b>Sensitivity (mv/volt)</b>	0.9	1.2	1.2	1.5	1.5	1.5
<b>Repeatability (%F.S.)</b>	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01
<b>Linearity (%F.S.)</b>	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02
<b>Hysteresis (%F.S.)</b>	±0.02	±0.02	±0.01	±0.01	±0.01	±0.01
<b>Creep (%F.S.@20 min)</b>	±0.03	±0.02	±0.02	±0.01	±0.01	±0.01

**Total Recommended Capacity, including: Tooling, Hoppers, Conveyors and Product**

<b>Automated Systems</b>	2 kg	2 kg	3 kg	6 kg	8 kg	12 kg
<b>Static Systems</b>	4 kg	4 kg	5 kg	6 kg	10 kg	16 kg

The ADVANCE WEIGH-CELL uses strong stainless steel flexures with integral transducers that eliminate friction and wear. This combination assures that the ADVANCE WEIGH-CELL will deliver long trouble-free service, even in harsh industrial environments.