

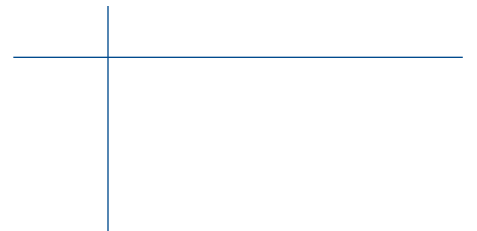


A member of the  
Avery Weigh-Tronix Group

# Tank & Vessel Weighing



ITA  
Integrated Tank Assembly



# Tank Weighing Assemblies

Innovative design, and tough construction define GSE Tank Weighing Assemblies. They offer operational safety, quick installation, overload protection, and steelwork misalignment tolerance. Stainless steel, hermetically sealed load cells are available.



**ITA Integrated Tank Assembly**  
Shown with conduit fitting



**ITA Integrated Tank Assembly**  
Shown with stainless steel base plate and captive cable

## Specifications

PERFORMANCE	ITA Integrated Tank Assembly	
Capacities (lb)	Medium Duty: 1000 lb—125,000 lb (454 kg—56,699 kg)	
Rated Output	3 mV/V ± 0.10 %	
Non-linearity of Rated Output	± 0.05 %	
Non-repeatability of Rated Output	± 0.05 %	
Creep (30 minutes)	± 0.03 %	
Temp Effect on Zero Balance	± 0.0015 % / °C	
Temp Effect on Span	± 0.0008 % / °C	
Compensated Temp Range	10 °F to 110 °F (-12 °C to 43 °C)	
Operating Temp Range	10 °F to 110 °F (-12 °C to 43 °C)	
Safe Overload F.S.	150 %	
Ultimate Overload F.S.	300 %	
Input Resistance / Impedance	350 ± 3 Ω*	
Output Resistance / Impedance	350 ± 3 Ω*	
ELECTRICAL/WIRING	ITA Integrated Tank Assembly	
Excitation Voltage	10—15 VAC/VDC	
Cable Length	25 ft (7.62 m)	
Excitation +	Green	
Excitation -	Black	
Signal +	White	
Signal -	Red	
CONSTRUCTION	ITA Integrated Tank Assembly	
Material	Load Cell: Stainless Steel Hermetically Sealed NEMA 4X (IP66/ IP68) Cable Exit: Conduit fittings or captive cable Hermetic Connector: Optional Base Plate: Stainless Steel	
Dimensions	1000—10,000	1.37 in x 4.5 in (34.8 mm x 114.3 mm)
	15,000	1.62 in x 4.5 in (41.2 mm x 114.3 mm)
	20,000—50,000	2.53 in x 7.0 in (67.31 mm x 177.8 mm)
	60,000—125,000	3.12 in x 8.0 in (79.25 mm x 203.2 mm)

\*Nominal

## Applications

Tank, Hopper, & Vessel Weighing  
Packaging and Bagging Systems  
Big Bag Weighing Machines  
Batching, Blending, and Mixing

## ITA Integrated Tank Assembly

The ITA is an innovative self-contained low profile weighing assembly with an integrated load cell and mounting assembly. The ITA design allows up to 3° off its axis without affecting weighing accuracy. The durable, stainless steel welded construction prevents intrusion from moisture or chemicals; providing years of service in the most severe environments. Integral to the ITA design is its uplift restraint and side load protection; eliminating the need for check rods or stabilizing hardware in most applications.

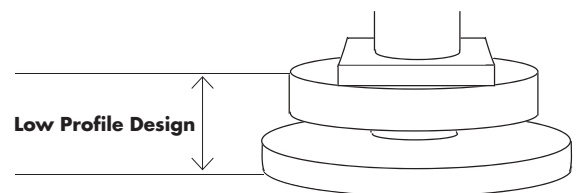
### FEATURES

ITA Medium Capacity: 1000 lb—125,000 lb (454 kg—56,699 kg)

- Stainless steel base plate (medium capacity only)
- Low profile, self-checking
- Integrated load cell and mount
- NEMA 4X (IP66/IP68) Ingression Rating



**ITA Integrated Tank Assembly**



Low Profile Design

## Avery Weigh-Tronix

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