

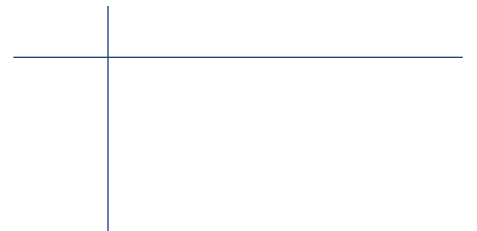


A member of the
Avery Weigh-Tronix Group

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 \pm 0.10 %	
Non-linearity of Rated Output	\pm 0.05 %	
Non-repeatability of Rated Output	\pm 0.05 %	
Creep (30 minutes)	\pm 0.03 %	
Temp Effect on Zero Balance	\pm 0.0015 % / °C	
Temp Effect on Span	\pm 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 \pm 3 Ω *	
Output Resistance / Impedance	350 \pm 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)
	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)
AGENCIES	FM Approved, NTEP Pending	

*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.

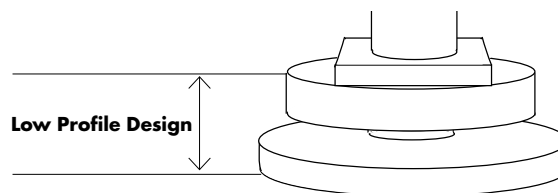
FEATURES

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
- FM approved



ITA Integrated Tank Assembly



Avery Weigh-Tronix

Avery Weigh-Tronix - USA
1000 Armstrong Drive
Fairmont, MN 56031- 1439 USA
usinfo@awtxglobal.com
Toll-Free: (800) 533-0456
Phone: (507) 238-4461

Avery Weigh-Tronix - UK
Foundry Lane, Smethwick
West Midlands B66 2LP UK
info@awtxglobal.com
Phone: +44 (0) 8453 66 77 88
Fax: +44 (0) 121 224 8183



Please call us or visit
www.gse-inc.com
for your nearest
GSE Distributor



© Avery Weigh-Tronix, LLC 2013. All rights reserved. This publication is issued to provide outline information only which, unless agreed by Avery Weigh-Tronix, LLC in writing, may not be regarded as a representation relating to the products or services concerned. Avery Weigh-Tronix, LLC reserves the right to alter without notice the specification, design, price or conditions of supply of any product or service.

1/2013 TankWeigh_L_500346.indd (GSE)
AWT35-500346