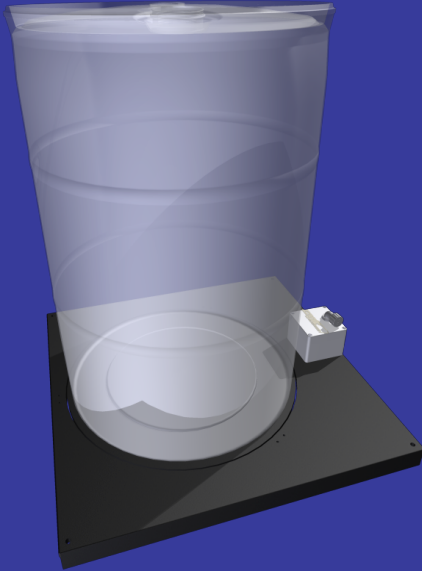# DS-750
Digital Drum Scale

Features

- Non-corroding, impact resistant PVC base
- Electronic elements mounted in a easy to access NEMA 4X enclosure
- Weighing platform sized for 55 gallon drums
- 5 year warranty on scale base
- Factory assembled and ready to use
- Packaged with an EI-1000 digital weight indicator

DS-750

Description

The Eagle Microsystems DS-750 is designed to operate in the harsh environment present in water treatment facilities. It is a ruggedly constructed, low profile, high accuracy drum scale. It will precisely weigh any style drum or container with a diameter of less than its weighing surface. The scale is provided with an Eagle Microsystems EI-1000 digital weight indicator, making this a package ready to use with minimal setup. The

Your Source for Precision Process Solutions

DS-750

Digital Drum Scale

The Ideal drum scale for the water treatment industry

The DS-750 is constructed using highly durable, chemical resistant PVC. The electronics are mounted in a NEMA 4X enclosure above the scale base to provide distance from common sources of corrosion found in treatment plants. The scale base itself has a circular weighing platform sized specifically for 55 gallon drums.

Weight is transmitted by a three point lever system to the sensing elements housed in the enclosure mounted on the scale base. This allows accurate measurement of the weight on the scale regardless of it's position on the circular plate.

The scale is normally provided with an Eagle Microsystems EI-1000 digital weight indicator but is compatible with any other Eagle Microsystems electronic weight indicator. 15 feet of load cell cable is provided as standard with additional length as an option.

Consult the datasheet for the EI-1000 for technical information on this digital readout

DS-750	
Deck size	31.25" square
Weigh platform size	23.8" inches
Platform height	2.1" inches
Scale base material	PVC
Rated capacity (RC)	750 lbs (340 kg)
Overload capacity	150% RC
Accuracy	0.25% RC
Load cell material	Stainless Steel
Temperature comp. range	30 – 115 ºF
Operating temp. range	-20 – 120 ºF
Cable length	15 feet standard
Shipping weight	69 lbs.

Indicator Options	
Digital output	Modbus RTU, Profibus
Dual alarm relays	3 A @250 Vac, 32 Vdc