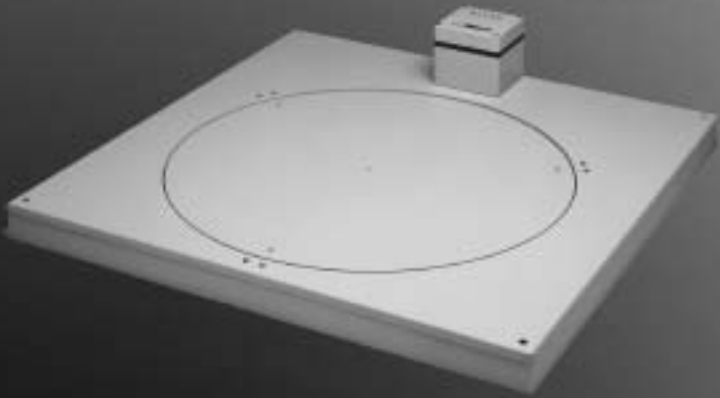


DS750

Drum Scale – The Eliminator™



System Features

- Non-corroding, impact resistant PVC base.
- Electronics and environmentally sealed load cell mounted in NEMA 4X enclosure on top of scale base.
- All stainless steel load cell and hardware.
- Sensing element mounted above weighing surface away from sources of corrosion and easily accessible for service.
- Reliable 3-lever type weighing system.
- Platform sized for standard 55-gallon chemical drum.
- 5 year limited warranty on scale base.
- Factory assembled and ready for use.

The Eagle Microsystems Model DS750 ELIMINATOR™ is designed to survive in the hostile water and wastewater plant environment! It is a rugged, low profile, high accuracy, Type III drum scale. Clearly a superior design, the DS750 incorporates features that eliminate most of the problems that plague similar competitive scales. The solid, non-corroding, impact resistant PVC plastic base is warranted for a full 5 years. Paired with any of Eagle Microsystems electronic indicator/transmitters this scale is your most cost effective and accurate solution for chemical inventory control.

Your Source for Precision Process Solutions

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DS750

Drum Scales – The Eliminator™

The Ideal Drum Scale for Corrosive Environments

The scale base and electronics enclosure is manufactured from solid PVC, which will not warp or corrode, and is highly impact resistant. The scale base has a circular weighing platform specifically designed for a standard 55-gallon chemical drum.

The weight of the drum is transmitted to an environmentally sealed electronic strain gage load cell via a reliable, time-proven, 3-lever support system. This assures accurate weighment independent of the position of the load on the scale platform. The scale electronics and load cell are mounted on top of the scale base, away from most sources of corrosion, in a NEMA 4X fiberglass enclosure. This insures full time integrity

of the weighing system. 15 feet of multi-conductor load cell cable come with each scale. Additional cable can be ordered where the scale indicator is to be mounted remotely from the scale.

DS750 is suitable for use with any Eagle Microsystems scale readout instrument. See sales data sheets for our Model EI-1000 Single Channel and EI-2000 Dual Channel Digital Indicator Transmitter, and MTP-1600 Hi-Resolution Analog Transmitter. This scale can also be used as part of an RS-485 multi-drop network using the MS-1600 Multiple Serial Device Controller.

Accessories

- Digital & analog weigh scale indicator/transmitter
- Loading Ramp

Specifications	
Deck Size	31.5 sq. in.
Weigh platform size	24" diameter
Platform height	2.0"
Scale base material	Solid PVC
Max. Capacity	750 lbs (340kg)
Overload Capacity	150%
Accuracy	0.25% of Rated Capacity
Load cell material	Stainless steel
Temperature Compensation Range	30 – 115°F
Operating Temperature Range	-20 – 130°F
Hook-Up Cable	15 ft 4-conductor
Excitation Voltage	10Vdc
Input Resistance	350 ohms
Output Resistance	350 ohms
Full Scale Output	3 mV/V at Rated Capacity
Shipping weight	50 lbs.

Ordering Information

- Maximum weight
- Type of Readout Instrument

