

## SIT SERIES MONITOR MATERIAL USAGE ACCURATELY

SIT Series batch weigh inventory and density monitor units are designed to mount on an existing bin. The SIT Series accurately monitors material usage by weight with 1/10% span accurate cantilever load cells.



### Features

- Frame mount standard – consult factory for application approval
- Upper material surge hopper with conical weigh hopper reload valve
- Remote Operator control panel with LCD display (interconnecting wiring by customer)
- Material inventory totaling up to 999,999 lbs./kg
- Precision 1/10% span accurate cantilever load cell weighing system
- Remote mount, solid state, high level proximity sensor
- Weigh hopper proximity switch
- Printer port and RS-485 communications port
- Two line x 40 character LCD operator controller and display
- Spun aluminum weigh hopper with pneumatic dump valve/gate
- Surge hopper lid arranged for Sterling receivers and loaders. Hopper lid may also be cut for customer-supplied, non-Sterling loading hoppers at no additional charge, provided proper detail drawings are provided with order.
- 115/1/60 voltage

### Options

- Upper material supply hopper air-operated slide gate in lieu of standard conical reload valve
- RCP – RS-485 LCD remote control panel with 10 ft. cable, 100 ft. maximum distance (consult factory for longer distances)
- Upper material supply hopper Gaylord by-pass tube
- Supply hopper lids cut for non-Sterling customer-supplied vacuum receivers or loaders
  - Includes cutout and bolt hole pattern only; adapters supplied at an additional charge





## SIT SERIES

### SPECIFICATIONS

Model	Max. Rate, lbs./hr (kg/hr)*	Weight Hopper Capacity, lbs. (kg)
SIT 025	1000 (454)	25 (11)
SIT 050	2000 (900)	50 (22)
SIT 100	5000 (2270)	100 (45)

\* Rate based on 35 lbs./cu. ft. (560 kg/ cu. m.) free- flowing pellets. Actual rate may vary.

