

# SIT SERIES

## Inventory Monitor Units



## Technical Specifications

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

#### Standard Features

- Allen-Bradley Micrologix 1500 PLC and Panel View 550 touch-screen
- Upper material supply (surge) hopper with conical weigh hopper reload valve
- Spun weigh hopper with pneumatic dump valve
- Mounts to existing hopper or bin
- Weigh hopper proximity switch
- 0.2% span-accurate cantilever load cells
- Remote operator control panel
- DF-1 communications
- Remote mount, solid state, high level proximity sensor
- Material inventory totalized up to 999,999,999 lbs./kg
- Serial printer port
- Hopper lid arranged for AEC SRC receivers and SLC loaders. Hopper lid may alternately be cut for non-AEC loading hoppers at no additional charge, if specifications are provided
- 115/1/60 supply voltage

#### Optional Features

- Upper material supply hopper air-operated slide gate in lieu of standard conical reload valve
- Remote control panel with 10 ft. cable, 50 ft. maximum distance
- Upper material supply hopper gaylord bypass tube

### Specifications

Model	Maximum rate, lbs./hr (kg/hr)*	Weigh 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.