

Brief Description

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

CIT Inventory Monitor
Unit with Optional
Vacuum Receiver



Standard 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 totalized 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 Colortronic CSR Series receivers and loaders. Hopper lid may also be cut for customer-supplied, non-Colortronic loading hoppers at no additional charge, provided proper detail drawings are provided with order.
- 115/1/60 voltage

Optional Features

- 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-Colortronic customer-supplied vacuum receivers or loaders
 - ◆ Includes cutout and bolt hole pattern only; adapters supplied at an additional charge

Specifications

Model	Maximum rate, lbs/hr (kg/hr)*	Weigh hopper capacity, lbs (kg)
CIT 025	1000 (454)	25 (11)
CIT 050	2000 (900)	50 (22)
CIT 100	5000 (2270)	100 (45)

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

-Notes-

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