

Model 375P-3500 Conveyor Monitor



Ludlum Measurements, Inc.



Part No.: 48-3628

SYSTEM INCLUDES:

- 1 ea. Model 375P Electronics -Housed in a NEMA 4X enclosure with plexiglass viewing window
- 1 ea. 3500 in³(57355 cm³) EJ-200 plastic detector with 200'(61 m) cable
- 1 ea. 10 μ Ci(370 kBq) ¹³⁷Cs check source

INDICATED USE: Low level gamma radiation monitoring for conveyor systems

DETECTORS: 1 ea. 3500 in³ plastic scintillation detector with 1/4" lead shielding in weathertight housing.

AUDIO: Unimorph type speaker (*greater than 68 dB at 2 feet*)

ALARM: Indicated by red LED's, red flashing lamp, and audible tone

AUDIO ACKNOWLEDGE: Pushbutton to silence the audio after an alarm has been indicated

ALARM RESET: Pushbutton to reset the alarm.

RS-232: 9 pin connector to allow for connection of computer for data logging

MAINS RELAY: Allows for connection of red alarm strobe, other external alarm, or (with external relay) can be used to stop conveyor on alarm

POWER: 95 - 135 VAC (*178 - 240 VAC available on request*), 50-60 Hz single phase (*less than 100 mA*)

ELECTRONICS CONSTRUCTION: NEMA 4X enclosure with plexiglas viewing window

DETECTOR CONSTRUCTION: Aluminum housing with ivory powder coat paint

TEMPERATURE RANGE: -40°C (-40°F) to 50°C (122°F).

SIZE:

Electronics: 16" (40.6 cm)H X 12" (30.5 cm)W X 8" (20.3 cm)D

Detector: 82"(208cm)H X 24.5"(62cm)W X 9"(23cm)D

WEIGHT:

Electronics: 9.3 lbs (4.2 kg)

Detector: 650 pounds(295kg) per detector



Strobe Option