

# DUST LEVEL SENSOR





The dust level sensor from Imperial Systems makes it safe and convenient to monitor dust collection containers. The sensor uses a signal to detect the level of dust inside the container. When it detects that a container is full, a light on the sensor indicates which container needs to be changed out. The dust level sensor eliminates the messy process of opening the containers just to check the dust levels. The sensor easily monitors containers located in hard to reach or out of sight locations. Patent pending.

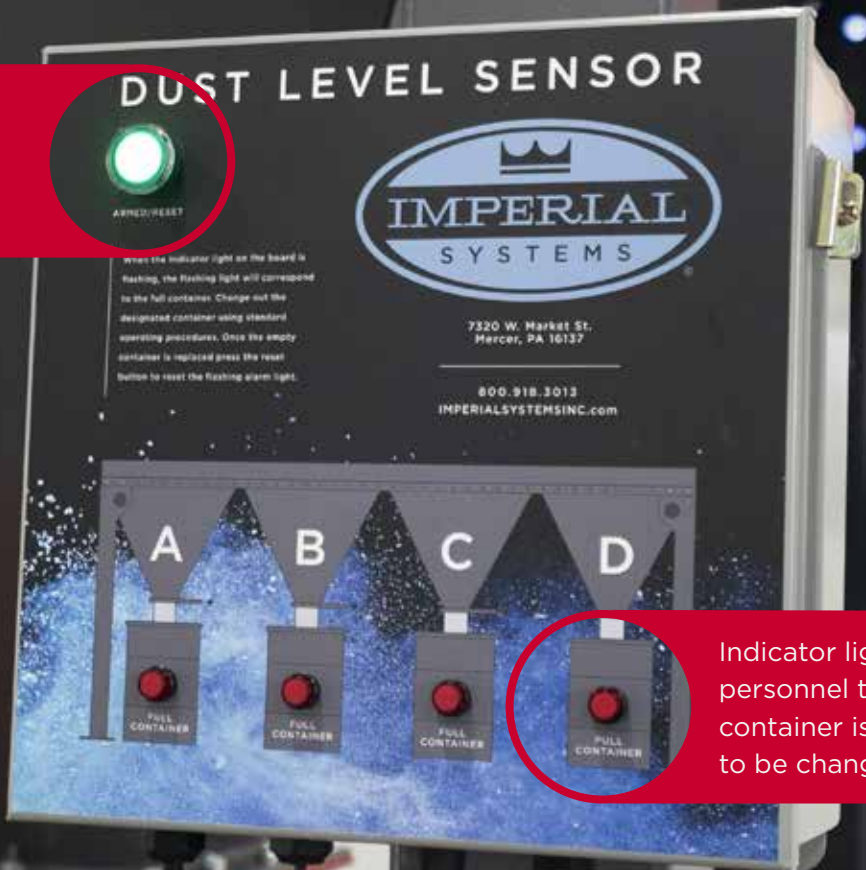


One panel monitors up to 4 containers.

# ADVANTAGES

- Easy install and setup
- Low voltage
- Ideal for hard to check containers
- Prevent container overflow
- Less need to open containers
- Easy reset
- Eliminates risk of dust backing up into collector

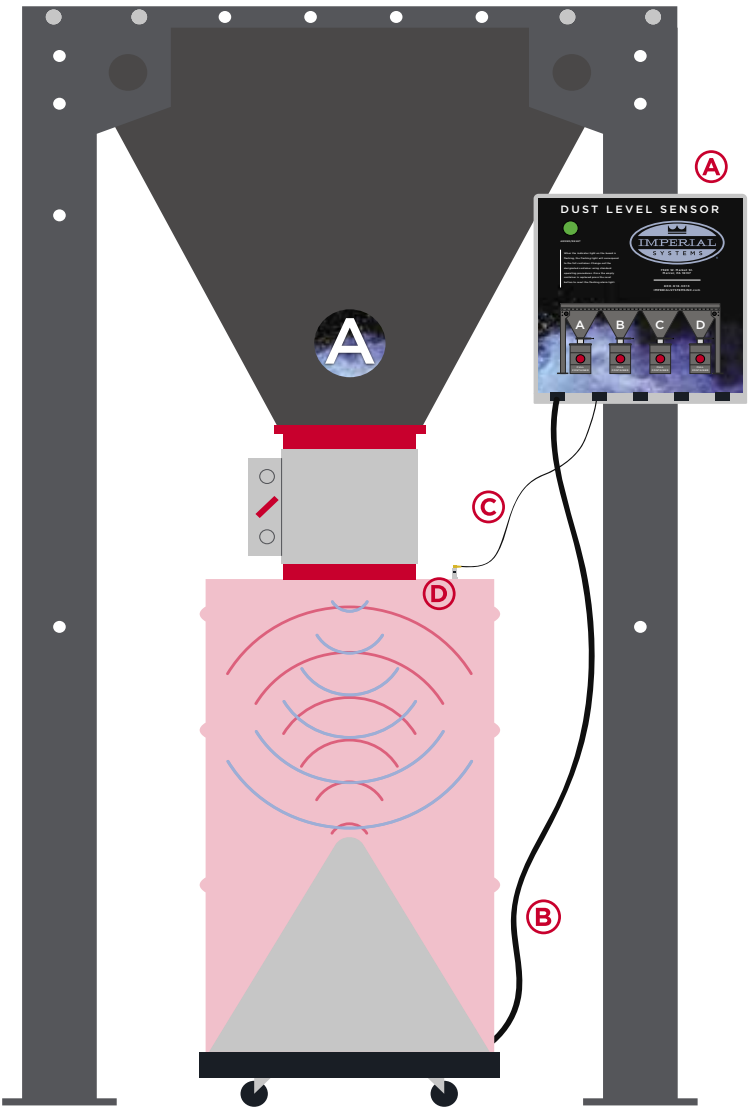
Reset button remains on until the container is full at which point it switches off until it is pushed for reset.



Indicator lights allow personnel to tell which container is full and needs to be changed.

# THIS KIT INCLUDES

- (A) 1 Dust Level Sensor Panel
- (B) 1 9' Power Cord
- (C) Up to 4 33' Sensor Cables
- (D) Up to 4 Ultrasonic Sensors



The dust level sensor panel attaches easily to the leg of your dust collector or other attachment point. The sensor itself is attached to the lid of the collection container. The sensor sends a signal into the container and measures the speed of the return signal. This allows it to determine the level of dust in the container. When the sensor detects that the material is within approximately 6 inches, it will trigger a light on the panel. The light conveniently lets the operator see which container is full. An “armed/reset” button easily resets the sensor after the container is changed out.



# DUST LEVEL S



ARMED/RESET

When the indicator light on the board is flashing, the flashing light will correspond to the full container. Change out the designated container using standard operating procedures. Once the empty container is replaced...

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