



## ELECTRONIC DOSIMETRY READERS

# RWP Swing Gate

*Smart safety for radiological controlled areas*



## FEATURES

- Compatible with DMC 3000™ (G2/G3) dosimeters
- Includes integrated LDM 320 dosimeter reader
- Industrial touchscreen computer in a custom enclosure
- Compares worker's RWP and Task data to the "approved" list for area
- A small lightweight footprint with integrated wheels for easier deployment
- Manual exit latch
- Three-inch wheels to allow easier mobility
- Mounting bar for Radiological signs
- Eyebolts for barrier ropes

## DESCRIPTION

The RWP Smart Swing Gate is a lighter model from our turnstile Smart Safety checkpoint line of products. It is designed for areas with minimal space and as part of an area posting (e.g., high radiation boundary). The three-inch wheels allow for easy transportation, even over grated areas.

Like our RWP Smart Turnstile, the Swing Gate provides a safety checkpoint for workers upon entry into an RCA (initial entry or entry into a sub-zone). See Operation Description Section.

## OPERATION DESCRIPTION

- Worker places their dosimeter in contact with the reader
- Reader checks the dosimeter to verify “run” status
- The LDM 320 reader requests data from the dosimeter and displays the RWP information from dosimeter, and compares it to list of approved RWPs and Tasks
- If RWP information is verified, the green entry light illuminates, and Swing Gate unlatches
- A worker removes the dosimeter from the reader and enters the area
- When exiting the area, the worker pulls the manual exit latch on the back of the gate

## SPECIFICATIONS

### Dimensions:

- 36 x 23 x 36 in. (L x W x H) (with computer arm swung in)
- Weight approximately 70 lb

### Electrical characteristics:

- 110 V ac / 60 Hz
- Fused circuit on the 110 V main line and the 24 V internal circuit
- Electrical gate lock
- Capacitive touchscreen for use with gloves
- Integrated industrial computer with LDM 320 reader

### Mechanical characteristics:

- Lightweight aluminum frame and base plate
- Heavy duty spring closure with secure spring/hinge for gate opening and closing
- Manual return latch for exit
- Three-inch wheels for easy deployment
- Adjustable computer arm deployment and operation use



*RWP Swing Gate Storage Mode*



*RWP Swing Gate Monitor*