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## Product Description Sheet Interlocked Door Guarding Package

North American Engineering Center

### PRODUCT DESCRIPTION

The Interlocked Door Guarding Package is an integrated safety enclosure to support Loctite® brand 200, 300, 400, and 500 Series Robots. All of these Robots are fully compliant with RIA (Robotics Industry Association) safety guidelines. A sliding door is used to isolate the operator from the Robot motion. It requires the operator to slide the clear polycarbonate door (right to left) to gain access to the Robot loading platform. A roller arrangement allows for minimal effort in opening and closing.

The enclosure has transparent hard guarding on three (3) sides with a clear anodized aluminum extrusion frame, and a clear polycarbonate door on the front side. This Door Guarding Package will permit loading and unloading of production parts while protecting the users from Robot motion.

### PRODUCT FEATURES

Control to the Robot system is centrally located on the side of this enclosure. The operator E-Stop (emergency stop) will remove power from the quad electrical outlet that is mounted on the frame, disabling all functions when depressed (including the robot). The door is interfaced with the Robot and will not allow a cycle to start if the door is opened. If the door is opened during a dispense cycle, the Robot will stop and will have to be re-initialized. This package is well suited for slower (long) cycle, or low volume applications. A single 120 VAC (or 220VAC for 220 Volt units) outlet is all that is required to power the guarding system.

### TECHNICAL DATA

Interlocked Door Guarding Package Includes:

- Sliding safety interlocked door
- Static (hard) guarding on two sides and rear of Robot
- Rear access panel
- Operator panel with E-stop, power on lamp, and cycle start button
- Electrical enclosure with terminal strip
- Accessory AC quad power outlet
- System Installation instructions
- Complete electrical schematic

Item Number	Guarding Package Type	Dimensions
989787	200 Series Interlocked Door	22" W x 24" D x 27" H
989788	300 Series Interlocked Door	30" W x 29" D x 29" H
989789	400/500 Series Interlocked Door	32" W x 32" D x 31" H

