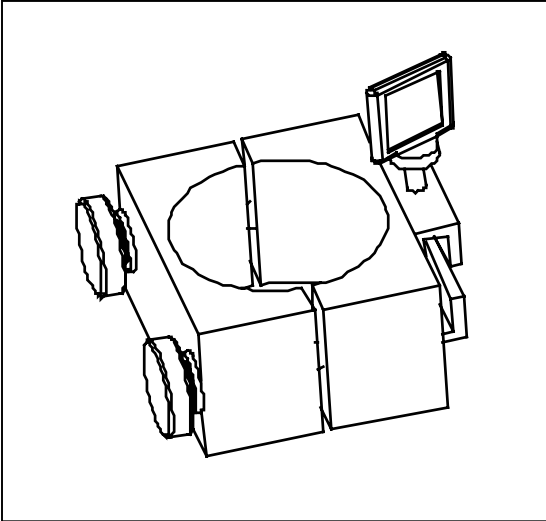


## Part No. 98318: 300 ml Cartridge Mounting Bracket Kit for Loctite® Robots



### Description:

The 98318 mounting bracket kit is designed for holding one 300 ml cartridge when using Loctite® 3 axis robots. Due to the size of the 300 ml cartridge, it is not compatible with 4 axis robots. The “C” rail connection allows for more than one bracket to be used when using 3 axis robots. This allows for multiple dispense points to increase throughput. **A mounting rail or plate must be purchased separately to mount the brackets on the robot.**

### Includes:

Qty	Description
1	300 ml cartridge mounting bracket kit

### Instructions for Use:

#### **3 Axis Benchtop Robots**

1. Attach the mounting rail to the robot using the two M5 x 12 mm socket head cap screws.
2. Slide the “C” rail on the back of the mounting bracket over the “T” shaped mounting rail.
3. Fix the position of the mounting bracket by manually tightening the white nylon thumbscrew.

#### **3 Axis SCARA Robots**

1. Remove the two flat head screws from the “C” rail on mounting bracket kit.
2. Position the mounting bracket clamping block on front side of the mounting plate and line up the mated assembly on the robot to determine where the mounting plate and mounting bracket should be attached.
3. Attach the mounting bracket to the plate with the two 8-32 x ½” socket head cap screws.
4. Attach the mounting plate on the robot using the two M5 x 12 mm socket head cap screws.

### Parts and Accessories:

Please see the other side for required parts that must be ordered separately and optional accessories.



Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, CT 06067  
USA

Phone 860.571.5174  
Fax 860.571.5131  
Equipment-customerservice@loctite.com

**Required: \*\*\* Must Be Purchased Separately \*\*\***

**3 Axis Benchtop Robots.** One of the three mounting rails listed below is required. The mounting rail is mounted directly to the robot on Benchtop robots. The "C" rail on the mounting bracket then slides over the mounting rail, which has a "T" shape. The small rail is used for a single dispense point. The larger rails are used for multiple dispense points.

Part No.	Description
98328	3 3/4 inch bar with two cap screws
98329	8 3/4 inch bar with two cap screws
98330	12 inch bar with two cap screws

**3 Axis SCARA Robots.** The mounting plate listed below is required. The mounting plate is mounted directly to the robot and allows for up to approximately 5" of rough adjustment of the mounting bracket z-height from the mounting holes on the robot.

Part No.	Description
98337	Mounting plate for SCARA robot

If z-height adjustment is not needed, a complete 300 ml cartridge holder kit is also available (Loctite® Part No. 98341). This has everything required to mount one 300 ml cartridge and does not require that the mounting bracket kit be ordered separately.

**Optional Accessories:**

**Syringe Dispensers.** These pressure time dispensers can be used to repeatedly control the dispense quantity. Loctite® 98021 Analog Syringe Dispenser is lower cost and Loctite® 97006 is easier to set and monitor the dispense quantity.

Part No.	Description
98021	Syringe dispensing system, analog
97006	Syringe dispensing system, digital

**300 ml Cartridge Adapter.** The 300 ml cartridge is placed in the adapter. The adapter is then assembled into the mounting fixture.

Part No.	Description
98319	300 ml pneumatic cartridge adapter

**Tip Locator Bracket.** The tip locator bracket is used to mechanically set the tip height during installation so that the program does not need to be corrected after a tip change. These are sized for 1" long, 25 gauge needles and must be modified by the user for larger gauge sizes.

Part No.	Description
98333	Tip locator bracket for 300 ml cartridges

**Z-Height Adjustment Plate.** When using a mounting rail attached directly to the robot, it may not be possible to bring the dispense tip in contact with a flat part on the 400 Series robot. When using the 200 series robot, a large part may require that the dispense tip be mounted further away. This plate allows for up to 6" of rough adjustment of the location of the mounting bracket above or below the mounting hole in the robot.

Part No.	Description
98357	Z height adjustment plate