



Adhesive dispensing made a whole lot faster, easier and more cost effective than ever before.



Loctite® robots can be used to dispense all types of chemistries, whether it is Cyanoacrylates, Anaerobics, Epoxies, Silicones or other chemistries. Our adhesive dispensing experience combined with our robots is unmatched in the industry.

Save Money with Loctite® Robots:

Economic times are tough but our robots rise to the challenge. Our robots are some of the most cost effective units available in the marketplace today.

Talk to us about saving money, and we will show you how to reduce your costs by as much as 50% or more on your capital investment in 2009.

Faster Set-Up and Easy Programing Makes your Productivity Soar:

- With the use of the Teach Pendant, programming our robots is a cinch. No prior programming expertise is required. The robot sets up quickly on your bench top and you could be dispensing the same day.
- Independent dispense on/off purge control button on front panel allows adhesive to be purged from a dispense valve to prevent curing, or for aiding initial set-up. Great for purging of two-part materials that have a very short pot life. No special programming required.
- Software utility program compensates for positional offsets when dispense needle tips or barrels are changed



- Teach Pendant program storage capabilities allows dispense program to be easily transferred from Robot to Robot
- Brush area function command allows the tip to “paint” a specifically designed area.
- Shortcut keys for common tasks.

Loctite® Robots Combined with Loctite® Adhesives Provide you with a Complete Dispensing Solution:

Loctite® has experience in dispensing Medical, Automotive, Electronics, Telecommunication and other applications. Combining our adhesive background with our automatic dispensing capabilities, Loctite® offers you a complete complete dispensing solution.

The Best Service Money Can Buy:



Rental Services

Henkel will rent standard equipment with the option to buy during the first 30 days.



Buy Discount Equipment

Purchase used or obsolete Loctite® brand and other Henkel equipment at a discount.

Buy or Rent....You Decide:



Factory Repair

Trained Henkel personnel will come to your facility to provide service on all Henkel equipment.



Field Service

Henkel will completely re-build used Loctite® brand and other Henkel equipment. Call for a quote today.

Loctite® Benchtop Robot Features

- Integrated solution – plug and play
- Low cost operation and ownership
- Compact size
- Application-specific software
- Teach point programming
- A 100-program, 4,000 point program, compact flash card
- A wide variety of mounting hardware available, www.equipment.loctite.com



Programming

Simple to program using either a multi-line backlit teach pendant with user-friendly prompts. The program allows for continuous path motion and automatically interpolates any line or arc in all axes. The manual provides step-by-step instructions for programming the robot. No previous experience is required.

Programming Accessories

The specially designed, easy-to-use Teach Pendant is the preferred device for programming and operating the robot.

1328356 – Teach Pendant (Sold Separately)

Integration Accessories

Loctite® brand cables and junction boxes provide plug-and-play integration solutions for a variety of Loctite® dispensing systems. Single- or multiple-systems functionality can be easily accommodated.

1329222 – Interface Cable – Benchtop Robots, 37 pin male D x multi. (Sold Separately) Use with all Loctite® Robot single dispenser integration.

1328358 – Robot Interface Junction Box. Provides convenient connection point between robots and up to 8 external devices. (Sold Separately)

Loctite® 200D Benchtop Robot Station

The Loctite® 200 Series Benchtop Robot has a 200 mm by 200 mm range of operation. This unit is fully compliant with Robotics Industry Association (RIA) safety guidelines. Programming accessories, dispensing equipment, integration cables, and mounting hardware are sold separately.

Item Number	Description
1328352	200 x 200 mm, 3 axis, 110 V

Loctite® 300D Benchtop Robot Station

The Loctite® 300 Series Benchtop Robot has a 300 mm by 300 mm range of operation. This unit is fully compliant with Robotics Industry Association (RIA) safety guidelines. Programming accessories, dispensing equipment, integration cables, and mounting hardware are sold separately.

Item Number	Description
1326775	300 x 300 mm, 3 axis, 110 V

Loctite® 400D Benchtop Robot Station

The Loctite® 400 Series Benchtop Robot has a 400 mm by 400 mm range of operation. Eight different configurations, as shown in the chart, are available to meet your process requirements. This unit is fully compliant with Robotics Industry Association (RIA) safety guidelines. Programming accessories, dispensing equipment, integration cables, and mounting hardware are sold separately.

Item Number	Description
1325964	400 x 400 mm, 3 axis, 110 V

Loctite® Teach Pendant

The specially designed, easy-to-use Teach Pendant is the preferred device for programming and operating the robot.

1328356 – Teach Pendant (Sold Separately)



TECHNICAL SPECIFICATIONS

	Loctite® 200D Benchtop Robot Station	Loctite® 300D Benchtop Robot Station	Loctite® 400D Benchtop Robot Station
Number of Controllable Axes	3	3	3
Range of Operation	X axis	200 mm	400 mm
	Y axis	200 mm	400 mm
	Z axis	50 mm	100 mm
Portable Weight	Work Surface	5.0 kg	10.0 kg
	Tool Head	2.0 kg	5.0 kg
Speed	PTP (X,Y)	400 mm/s	600 mm/s
	PTP (Z)	200 mm/s	320 mm/s
Repeatability Accuracy	X, Y, Z axis	± 0.04 mm/axis	± 0.01 mm/axis
CPU		32 bit	32 bit
Control Method		Point-to-Point or Continuous Path	Point-to-Point or Continuous Path
Drive Method		3-phase stepping motor	3-phase stepping motor
I/O		8 inputs / 8 outputs	8 inputs / 8 outputs
Program Capacity		100 programs	100 programs
Data Memory Capacity		4,000 points/program	4,000 points/program
Dimensions	Width	350 mm	585 mm
	Depth	330 mm	600 mm
	Height, 3 axis	490 mm	600 mm
Weight		18 kg	40 kg
Power Source - Auto Switching		95-132 VAC; 150 W	95-132 VAC; 150 W
Power Consumption		150 W	150W
Working Environment	Temperature	0 to 40°C	0 to 40°C
	Humidity	20 to 90% RH	20 to 90% RH
	(1) Robot (1) Power Cord		
Additional Information	Extensive Mounting Hardware Options Available. See www.equipment.loctite.com for Detailed Dimension drawings.		
Additional Accessories Sold Separately	1328354 – Solenoid Valve Module for pneumatic control by the robot		