

# Dispense Systems



## Robots & Dispense Stations

Available in both Benchtop and SCARA model types, Loctite® brand robots are designed to simplify the dispensing of adhesives and sealants onto complex surface configurations. They allow manufacturers to repeatedly and reliably dispense patterns of liquid material on a programmed basis, resulting in improved process efficiencies, minimal material waste, and reduced manufacturing costs.



## Meter Mix Dispense Systems

When your two-part adhesive application takes on a larger dimension, Henkel has the two-part dispensing solution with our high precision Loctite® brand meter mix dispense systems. You can choose either fixed and variable ratio units for any of our featured systems and together with a wide selection of feed system, hoses, valves and other accessories, customize your system to meet your application requirements.



## Pump Systems

Henkel offers Loctite® brand pail pump systems to effectively dispense both low viscosity fluids and high viscosity pastes from 5 and 55 gallon containers. These systems are very durable and can be relied on for long term performance in the toughest working environments. These systems are typically integrated into a complete dispensing system for a single component product, or used as a feed system for multiple component products.



## Hand Held Applicators

Loctite® brand hand held applicators are ergonomically designed for the hand delivery of adhesives and fluids directly from their original package. Whether pneumatic or manual, each item is designed for the simple, clean, hand held dispensing of fluids to reduce waste and operator contact over other methods. Selection of a Loctite® brand hand held applicator is based on product type, package configuration, and process requirements.



## Hand Held Hot Melt Applicators

Loctite® Hysol™ hot melt applicators are state-of-the-art dispensing units designed for the application of hot melt adhesives. These units combine ergonomics, user-friendly design, and reliability. Selection of a Loctite® Hysol™ hot melt applicator should be based on the type of hot melt being used, stick diameter, and process requirements.

## Bulk Hot Melt Systems

Henkel's Loctite® Hysol™ bulk hot melt systems offer high performance control and reliability for all of your hot melt dispensing needs. You can rely on Henkel to supply you with performance hot melt adhesives as well as an array of standard high volume hot melt dispensing equipment. Henkel offers true one stop shopping for your complete adhesive solution. These Hysol™ bulk hot melt systems come in three compact and economical sizes: 12, 14 and 34 lb. tank capacity (expandable to up to 78 lbs. with optional tank hopper). All units feature internal system diagnostics which monitor the temperatures and system settings.



## Controllers & Reservoirs

Loctite® brand controllers and reservoirs can be used as the chief components, along with a selection of Loctite® brand parts and accessories, or with your own parts to create a complete custom dispensing system designed to meet your specific needs and manufacturing goals. Selection of a Loctite® brand controller and reservoir is based on the adhesive or fluid being used, the package or container the adhesive or fluid is supplied in, and the overall requirements of the manufacturing process. Loctite® brand valves and pumps are sold separately.



## Hand Held Valves

Loctite® brand hand held dispensing valves are used when ergonomic design for hand dispensing of fluids is desired. Designed for use with Loctite® brand controllers and reservoirs, these hand held valves utilize passive wetted components for universal compatibility with many fluids. Selection of a Loctite® brand hand held valve is based on the desired dispensing controls, the dispense principal of the delivery system, and other process requirements.



## Valves & Pumps

Loctite® brand dispensing valves and pumps are value-added, robust, dispensing valves for adhesive or fluid delivery. Each valve is uniquely designed to meet different manufacturing needs. These valves should be combined with a reservoir and/or a controller. Selection of a Loctite® brand valve or pump is based on the chemistry and viscosity of the adhesive or fluid being used and process requirements.



## Dispense Accessories

Henkel offers a comprehensive line of Loctite® brand dispense tips which include high precision stainless steel, tapered polyethylene and flexible polypropylene tips. All feature a positive locking helical thread design to ensure the tip will stay intact during the toughest applications. For your less critical applications, we offer more economical general purpose tips that still provide reliable and consistent dispensing shot after shot.

