

GET TO KNOW MORE ABOUT AUTOMATED INDUSTRIAL SYSTEMS



O-Ring Installation and Assembly Made Easy

Since 1978, Automated Industrial Systems (AIS) has been the leading manufacturer of O-ring and seal assembly equipment. Their machines can install external and internal rings and seals using semi-automatic or fully automatic machines. Here are some of the rings and seals their machines can install:



Internal O-Ring Installation

- Face Seals
- Quad Rings
- Dove Tail Seals
- Lip Seals
- Braze Rings
- Teflon Seals
- Snap Rings
- Cup Seals
- Spiral Rings
- Square Seals
- Retaining Rings



External O-Ring Installation

External Benchtop Models:

ASP-1 O-Ring Installation Machine

For the semi-automatic installation of seals from 0.15" (3.8mm) to 1.16" (29.36mm) with rates up to 3,600 per hour.



ASP-1M O-Ring Installation Machine

Ideal when workspace is limited for the installation of a variety of seals from 0.15" (3.8mm) to 1.16" (29.36mm) with rates up to 3,600 per hour



ASP – 1LV O-Ring Installation Machine

Low cost solution for smaller volumes. For low volume installation of seals from .15" (3.8mm) to 1.00" (25.40mm)



ASP-2 O-Ring Installation Machine

For the semi-automatic installation of seals from 0.89" (22.6mm) to 2.00" (50.8mm) with rates up to 2,700 per hour.



ASP-3 O-Ring Installation Machine

For the semi-automatic installation of seals from 2.0" (50.8mm) to 3.0" (76.2 mm) with rates up to 1,800 per hour.



Vertical Placement Module

For the vertical installation of a wide variety of seals with the ASP series machines



ARP-1 Retaining Ring Installation Machine

For the semi-automatic installation of retaining rings, snap rings, and braze rings



Internal Benchtop Models:

Internal O-Ring Installation Machine

For the internal installation of a variety of seals into a part. Can also be adapted to install retaining rings internally.



Low Volume Internal O-Ring Installation Machine

For low volume applications requiring the internal installation of a seal into a part.



HSP-1 & HRP-1 Internal O-ring & Snap Ring Installation Tool

Ideal for use with larger components and hard to reach placement positions. Offers the advantage of being able to take the ring to the part.



Automated O-Ring Installation Systems:

With more than 20 years experience in machine building, AIS is the right company to solve your automatic O-ring and seal assembly needs. They have extensive experience with rotary indexers, pick and place units, walking beams, and other innovative parts handling.



TYPICAL O-RING OR SEAL TARGET PARTS



SINGLE STATION AUTOMATED O-RING INSTALLATION SYSTEM

Want to learn more about AIS and the complete line of O-Ring and Seal installation equipment? Visit their website at: www.asporing.com to get more details and to view videos of their equipment in use. Feel free to contact us with an application or if you have any questions.