

Automated Industrial Systems (AIS) Makes O-Ring and Seal Insertion Easy

If you use O-rings, seals, or snap rings in your manufacturing process, then you know they can present special challenges during assembly. Automated Industrial Systems (AIS), a leading manufacturer of O-ring, seal, and snap ring installation equipment, is more than ready to handle this challenge for you. AIS manufactures a complete line for both external and internal applications. Their ASP series has seven models and can handle up to a 3" diameter O-ring. These high-speed machines will automatically orient, feed and install your rings. AIS has been manufacturing ring and seal assembly equipment since 1978.

But what happens down the road if you want to add another size O-ring or seal for a different target part or if you decide to no longer manufacture a certain part and want to use your ASP machine for something else? Don't worry...AIS has you covered. Different size O-rings and seals can easily be accommodated by a simple, quick installation head change. Here are the benefits to you:

1. Rapid tooling change over means less downtime
2. For different size rings, a simple installation head changeover can be accomplished in less than 10 minutes
3. Mandrels can be changed in a matter of seconds for applications using the same ring on a different part.
4. Tooling changeover does not require a maintenance technician but can be easily handled by the machine operator

Do you need to insert your O-ring or seal *internally*? AIS offers a complete line of internal benchtop models. The rings and seals can be inserted at up to 30 – 40 PPM. These units can be easily integrated into existing assembly systems and are available in right- or left-hand configurations. Click on this **LINK** to view the internal O-ring machine in action.

AIS is a customer driven company where interaction between customers and engineering staff builds an understanding and trust that ensures quality machines every time. Keep in mind that O-ring and seal machines can be custom designed to fit your unique application or tie into your existing automated production line. To learn more about AIS, click on this **LINK** to visit their website. Feel free to call with any questions or if we can be of assistance to you on an O-Ring or seal installation project.