

# ISP-1

## Internal O-Ring Installation Machine

Accommodates O-Rings ranging from 0.239" (6.07 mm) to 1.0" (25.40 mm) O. D.\*\*

AIS is the world's leading manufacturer of O-ring and seal installation machines, setting the standard for innovation and reliability. AIS stands alone in utilizing proprietary methods that ensure seal integrity is maintained during installation. Machines are custom-engineered to meet your specific requirements for internal O-ring and seal applications.

With a half century of experience, AIS understands the critical importance of O-ring and seal performance throughout the entire assembly process. Our ISP-1 machines are engineered to maintain the highest standards of quality at every stage of the installation process, ensuring that your seals are installed correctly, remain intact, and perform reliably over time. AIS is committed to providing cutting-edge technology that supports industries worldwide.

The ISP-1 machines feature a typical layout with a vibratory feeder bowl, gravity-fed track, and custom-designed installation tooling tailored to your unique part. ISP-1 machines deliver a quick, efficient, and precise process for installing O-rings and seals up to 1" OD into your parts.



**Ideal For:**  
O-Rings

Cup Seals

Quad Seals

Teflon Seals

and More!



  
**Scan  
for  
Quote!**

# ISP-1 Optional Features and Upgrades

**PLC Expander** – Enhanced I/O interfaces to support integration and data exchange.

**Low Lube Reservoir Sensor** – A sensor monitors the lubricant level and activates a warning light when the reservoir is running low.

**Low Bowl Sensor** – A sensor monitors the O-ring or seal level and triggers a warning light when the feeder bowl is running low..

**Medical Package** – Stainless steel components specifically suited for medical and cleanroom applications.



## Machine Specifications:

115 VAC, 60Hz (Other voltages upon request.) 65-90 psi (6.025 bar) air supply.

- Accommodates O-Rings ranging from 0.239"\* (6.07 mm) to 1.0" (25.40 mm) Outside Diameter\*\*
- Cycle rates of up to 30 per minute (over 1800 per hour)
- Digital resettable counter
- Compact, bench-top mounted machine (Less than 4 square feet)
- Right or Left hand configurations available
- Streamlined tooling changes to support additional applications
- Easy integration into automated cells

\* For O-Rings larger than 1.00" O.D., explore our ISP-2 machine.

\*\* Dependent upon ratio of cross section to Outside Diameter and O-Ring material.



4238 West 12th Street, Erie, PA 16505

[www.aisoring.com](http://www.aisoring.com)

814-838-2270