



LOOK TO PSI

Performance • Service • Integrity



ASTA

Automatic Surface Tape Applicator

Efficiency at its best!





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AUTOMATIC SURFACE TAPE APPLICATOR (ASTA)

With the ever increasing number of lenses that require backside spin coatings and/or anti-reflective treatments, we are once again using surface saver tape. This is true both in labs utilizing alloy blocking systems, as well as those working with non-alloy mediums. Historically taping lenses has been a very labor intensive, time-consuming process which can result in repetitive motion injuries.

Labs have seen over and over again that new technological developments in equipment and processing can lower costs, increase productivity, reduce spoilage and increase profits. The Automatic Surface Tape Applicator (ASTA) does all these by efficiently taping the front side of lenses before surfacing. Running a dual lens ASTA, one operator can out produce two operators using conventional tape machines and hot knives by taping three hundred pair of lenses per hour.



The ASTA is ideal for a lab doing 250 jobs a day or more. Its compact design, maintenance free operation, ease of use, speed and efficiency make the ASTA the logical choice. The spring loaded, variable cutting head automatically adjusts to lens diameters from 55mm to 82mm. A fixed cutting head set at 82mm is ideal for clear polycarbonate lines to accommodate the lens gate.

The ASTA was developed and is manufactured by Optimal Optics in Germany. PSI is the *exclusive* distributor in the Americas.

Features & Benefits

- The dual lens ASTA can tape up to 300 pair of lenses per hour. The 12 second load and unload cycle increases throughput reducing labor costs.
- Decreases repetitive motion injuries as well as injuries caused by knives and razor blades.
- A photoelectric sensor automatically positions tape correctly over the lens and eliminates the need for manual calibration.
- Manual feed button offers easy tape loading.
- Tapes both lenses at the same time as well as a single right or left lens for flexibility.
- Includes 12 month limited warranty.

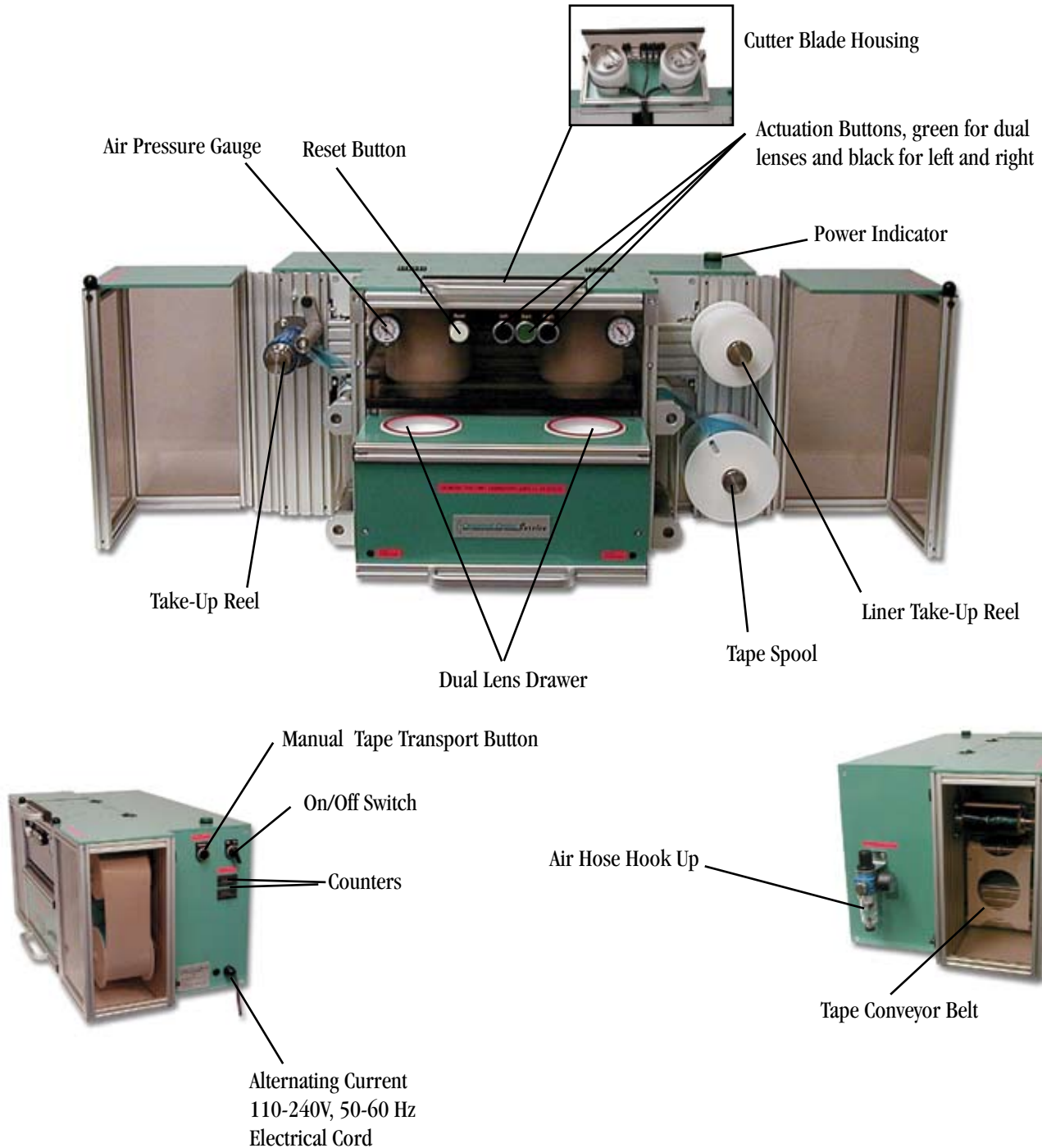
Specifications

| | | | |
|-------------------|--|-------------|------------------------------------|
| Part #: | V2A-03 - Dual Tape Unit | Tape: | Any liner or linerless tape |
| Electric: | Alternating current 110-240V, 50-60Hz | Lead Time: | 8-10 weeks |
| Air Pressure: | 87 psi | Weight: | V2A-03 - 115 lbs. |
| Working Pressure: | 72-87 psi | Dimensions: | V2A-03 - 33.5" L x 18" W x 15.5" H |
| Diameter Field: | Variable Head - 55-82mm Fixed Head - 82mm | | |
| Lens Types: | Glass or Plastic | | |

Efficiency at its best!



Exploded View



ASTA

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Efficiency at its best!

Don't Just Take Our Word For It!

“You should have come out with an automatic taper twenty years ago. Its one of the few things in the lab that’s been a no brainer. It increased our production tremendously. If we have a spike in production, it is much easier to keep up the pace with the ASTA.”

Joe Seibert
Three Rivers Optical Co.

“The ASTA is easy to cost justify. We had 3 people with manual tapers. After we purchased the ASTA, we were able to reduce the staff by one. With one less person’s wages and benefits, the ASTA will pay for itself in a year. The main features of the taper are the short learning curve, the ability to use the cycle downtime for operators to bag the tray, low maintenance and easy installation. Installation took only about 10 minutes with no outside people, we used house air and the standard 110 outlet. The potential for repetitive motion injuries is greatly reduced. The ASTA is one of the first no brainers I’ve seen during my 30 years in the optical business.”

Derek Moore
VSP

The ASTA is performing excellent. You can really pump jobs out on the taper. It is really good. The operators love that you can load two lenses at a time or do just one. It really saves time and is easier on the operators.”

Phil Clodfelter
Wal-Mart



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