



ASTA Handling System

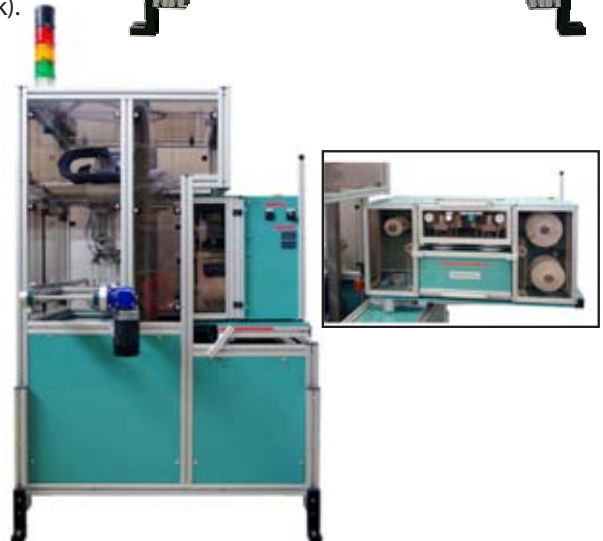
This is a fully automated system to apply protective tape to semi-finished lenses. Job trays are transported automatically via a conveyor belt. Robotics pick up the lenses and place them in the ASTA to be taped and put them back in the tray when it is finished.

Features & Benefits

- Can tape two lenses at a time at up to 400 lenses per hour, making it faster than other systems on the market.
- Simple machine design makes it easy to set-up and maintain.
- Modular design keeps the taper and the automated system working separately so the taper can be operated manually if necessary.
- Works with all tapes, with or without liners.
- Available with standard cutting or hot-knife ASTA options (see back).
- Existing ASTA units can be modified to work in this system.
- Units are manufactured to customer specifications based on left or right loading, tray type and lens placement in the tray.

Specifications:

Dimensions:	51"W x 41"D x 66" H
Max. Lens Diameter:	83mm
Min. Lens Diameter:	55mm
Cycle Time:	15 seconds per pair of lenses
Electrical:	AC 110V, 50-60 Hz
Compressed Air:	5-6 bar / 70-85 psi
Weight:	490 - 549 lbs.
Shipping Weight:	800 lbs.



Lenses In



Lenses Out

Shown configured left to right, also available configured right to left



PRACTICAL SYSTEMS INC.

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Automatic Surface Tape Applicators (ASTA)

The ASTA Handling System includes an ASTA taper. ASTAs used in the handling system, as well as units that are purchased for stand-alone use, are available with either standard cutting blades or hot knife technology as described below. Stand-alone units can also be purchased "handling system ready" for those labs that want to purchase a unit for stand-alone use now, with the ability to use them in a handling system at a later date.

All ASTA models offer the following benefits:

- Dual lens taping of up to 400 lenses an hour, reducing labor costs.
- Decreases repetitive motion injuries as well as injuries caused by knives and razor blades.
- A photoelectronic sensor that automatically positions tape correctly over the lens and eliminates the need for manual calibration.
- Tapes both lenses at the same time as well as a single right or left lens for flexibility.
- 110-24V, 50-60Hz electrical requirement; 70-85 psi air pressure
- Dimensions: 37" L x 18" W x 17" H

ASTA

- Economical choice for automated taping.
- Fixed cutting head is set at 82mm for polycarbonate lenses to accommodate the lens gate.
- Will accommodate PSI's double tape rolls reducing reload times.

Part #: V2A-03 (stand-alone ASTA)
V2H-03 (ASTA handling system ready)
V2HS-03 (ASTA Handling System)



ASTA w/Hot Knife

- Hot knife technology keeps the blade sharp allowing it to last longer.
- Produces less debris and mess and requires less maintenance.
- Designed to accommodate the gates on polycarbonate lenses so it can automatically adjust to different lens diameters, reducing tape waste.
- Will accommodate PSI's double roll tape reducing reload times.

Part # V2A-05LS (stand-alone ASTA w/hot knife)
V2H-05LS (ASTA w/hot knife, handling system ready)
V2HS-05LS (ASTA Handling System w/hot knife)



Get Added Efficiency with Double Roll Tape!

- Reduces number of times tape needs to be replaced
- 72 yard rolls, double the tape in a standard tape roll

Part #: **1005-1 PSI Green Lens Saver Tape** **1007-1 PSI Blue Lens Saver Tape**



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