



WHERE  
PRECISION  
DRIVES  
PRODUCTION

## Q500

### INLINE CAMERA INSPECTION QUEUE STATION

The Q500 can be positioned anywhere after the coating process and can communicate with any other module through the SMEMA protocol.

The small modular design of the Q500 makes efficient use of floor space and inspection can be completed before the product advances to final assembly.

A magnified illuminated image is displayed at eye level for easy inspection using black lights and a camera.

A part is conveyed to a stop position under the camera. Once the part has been inspected a push of a button sends the part down the line. The controls of the Q500 also allow for pass through mode, as well as intermittent inspection mode.

- ▲ Work area of 18" x 18" (450 mm x 450 mm) substrates
- ▲ Standard configuration with one camera above conveyor
- ▲ Optional configuration to have cameras above and below conveyor
- ▲ Lean design SMEMA type camera inspection unit
- ▲ Variable control of conveyor speed
- ▲ Integrated color display
- ▲ Eye level color display
- ▲ Hand crank optional

For more information on PVA's capabilities, please contact one of our sales representatives at (518) 371-2684.

Optional inspection station configuration:

Q500-DC | Inline double-sided inspection station



### CAMERA SPECIFICATIONS

**Dimensions:**

41 mm x 41 mm x 56 mm (1.6 in x 1.6 in x 2.0 in)

**Operating Temperature:**

-10°C to 50°C (14°F to 122°F)

**Pick-up Device:**

1/3" Interline Transfer CCD

**Effective Pixels:**

768 (H) x 494 (V)

**Gamma Correction:**

Variable

**Weight:**

150 g (0.33 lbs)

**Power:**

DC12V

**TV System:**

S-Video



15 Solar Drive  
Halfmoon NY 12065  
tel 518 371 2684  
fx 518 371 2688  
info@pva.net