

9600



"9600" SERIES VIDEO INSPECTION SYSTEM



- High Resolution Zoom Optics
- Superior Rigidity
- Large 6" x 8" and 6" x 12" Travel Stages
- "Z" Axis Measuring Available
- Video Edge Detection and CNC Controls Available
- Digital Dual Crosshair Generator

"9800" Series CNC Model
Shown with optional
console stand

S-T  **INDUSTRIES, INC.**
SCHERR - TUMICO

*See the
Quality*

"9600" SERIES VIDEO INSPECTION SYSTEM The "9600" Series Video Inspection System sets a new standard for structural rigidity with high resolution zoom optics, large 6" x 8" and 6" x 12" travel stages, dual digital crosshair generator, choice of three readout systems, option video edge detection and 3 axis CNC systems. S-T Industries has been manufacturing precision measuring tools and measuring instruments in the U.S. since 1942.



ELECTRONIC MODULE



All electronics are located in a separate electronics module for simple service and bulb replacement. The module keeps all heat away from the video inspection system to prevent any influence on the accuracy of the measuring system.

DIGITAL READOUTS



Quadra-Chek 220

These powerful digital readouts provide fast geometric computations in a simple, easy to use format. Functions include point, line, circle, distance, angle, skew alignment and Measure Magic. Other features include Inch/MM, Cartesian/Polar, nearest/farthest distance, complimentary angles, serial and parallel ports and 200-feature memory. Large, high contrast LCD screen graphically displays measurement features and construction. Housing tilts backward or forward for best angle of operation.



Standard Digital Readout ST 7000

The Standard digital readout features absolute/incremental, IN/MM conversion, random zeroing, RS232C output and linear error compensation.



Quadra-Chek 4200

PC computer based geometric readout system, mouse driven, with on screen graphic representation of part or part segment as it is measured. Simple CAD interface simplifies constructions and part programming. Unlimited part and feature memory. Includes computer with Microsoft® Windows®.



Quadra-Chek 5000 CNC

PC computer based 3D geometric readout system with on screen 3 dimensional graphic representation of the part or part segment as it is measured. Includes color camera and monitor. Auto focus on 2-axis, color video edge detection, programmable lighting, CAD interface, unlimited part and feature memory and Microsoft® Windows®. Includes computer, keyboard and mouse.

DIGITAL CROSSHAIR GENERATOR



20-8650-00

The standard 8650 dual crosshair generator provides a superimposed reference crosshair or pair of crosshairs to assist video inspection. This advanced crosshair generator can be operated in a simple fixed mode or in a flexible, moveable mode using a mouse. The generated lines can be solid or serrated and viewed in black, white or auto-color. The 8650 operates on 12 volts DC and includes a wall mount transformer. It is configured for both NTSC and S-Video inputs. Includes mouse.

"9600" SERIES VIDEO INSPECTION SYSTEMS

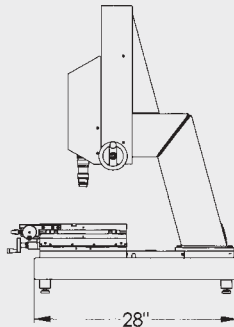
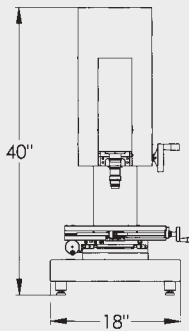


CATALOG NO.

DESCRIPTION

20-9600-01	Video System w/ST-7000DRO 6" x 8" Stage
20-9600-02	Video System w/QC-220DRO 6" x 8" Stage
20-9600-04	Video System w/QC-4200DRO 6" x 8" Stage
20-9800-00	CNC System w/QC-5000DRO and VED Z-axis positioning (3-axis), video auto focus, and programmable lighting 6" x 8" Stage
20-9601-01	Video System w/ST-7000DRO 6" x 12" Stage
20-9601-02	Video System w/QC-220DRO 6" x 12" Stage
20-9601-04	Video System w/QC-4200DRO 6" x 12" Stage
29-9801-00	CNC System w/QC-5000DRO and VED Z-axis positioning (3-axis), video auto focus, and programmable lighting 6" x 12" Stage

SPECIFICATIONS



Work Table: 12" x 14" or 12" x 18" - Black Anodized

Measuring Range: (X)-8" (Y)-6" (Z)-8" or
(X)-12" (Y)-6" (Z)-8"

Allowable Work Load: 25 lbs.

Illumination: Profile - 100W-12V
Surface - 100W-12V

Magnification Lens: 30-180X Zoom

Electrical: 100-240 V, 50/60 Hz Compatible

Weight: 350 lbs. Crated 400 lbs.

THE S-T FAMILY OF OPTICAL COMPARATORS

14" HORIZONTAL

24" HORIZONTAL

30"

16" HORIZONTAL

14" VERTICAL



20-3500



20-2450



22-5600



20-1600-00



20-4600

CALL OR WRITE TODAY FOR FREE INFORMATION ON ANY OF THE ABOVE

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Form #40-0457-00

3-03



International Operations

SCHERR-TUMICO optical comparators and video inspection systems are available throughout the industrialized world. S-T Industries maintains a service and distribution network with factory qualified sales and service representatives in the following countries. Call or write for your representative.

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Greece
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