

Techni-Spec™ TSV-300 system shown with optional DCG-100A crosshair generator

Macro Video Inspection System

Applications:

- Solder inspection
- Circuit board inspection
- Assembly and parts inspection
- Research and development
- Group presentations of specimens
- Non-destructive testing
- Surface and edge inspection

The Techni-Spec™ TSV-300 macro video inspection system is a true turn key inspection system that meets the needs of a variety of applications. The versatile 6X manual zoom ratio lens capability with adjustable iris provides for a large range of field of views (FOV) with excellent depth of field. The fluorescent ring light provides shadow free 360° illumination at daylight simulating 5600°K. The camera and monitor combine for an impressive 500 TV lines of resolution and .3 lux

sensitivity. The TSV-300 has an established path for seamless addition of high end features like FOV measurement, alignment and placement requirements. As with all TechniQuip video inspection systems, the TSV-300 combines versatile optics, professional lighting, high resolution cameras and monitors, and established upgrade paths to provide the user with economical solutions for today's requirements as well as those in the future.

A True Turn Key Inspection System

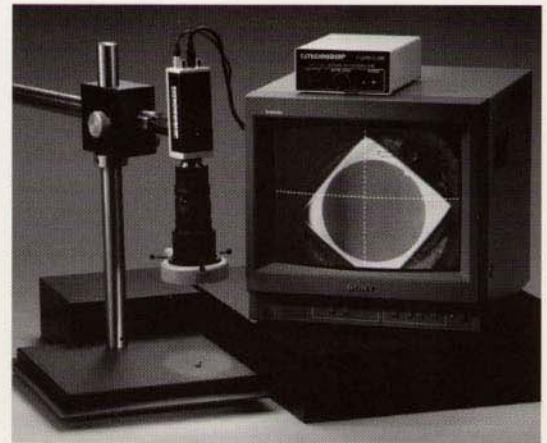
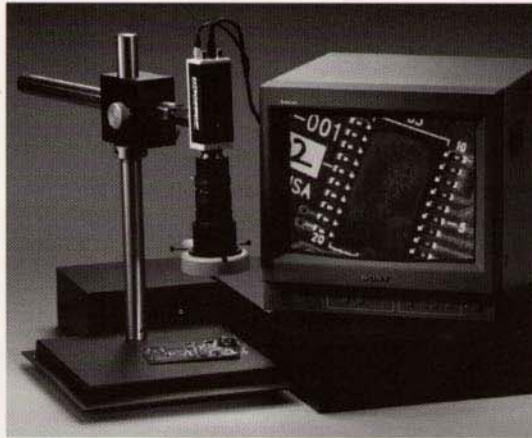


Special and OEM configurations readily available.



FEATURES - Video Inspection System TSV-300:

1. MM-7® High resolution and low light sensitivity color video camera.
2. High resolution 14" Sony color monitor.
3. Versatile 18-108mm lens with adjustable iris.
4. Secure and smooth boom stand platform.
5. Professional tri-band phosphor fluorescent lamp is standard.
6. Simple cabling for unobtrusive set up and usage.
7. Designed to accommodate FOV measurement, cross hair and reticle generator upgrades.



SPECIFICATIONS

System Number	TSV-300*
Horizontal Field of View	6.4 mm at a 140mm working distance, 71mm at a 200mm working distance
Type Output	Color
Resolution	500 TVLY/C (S-Video)
Power	115VAC 60 Hz
Sensitivity	.3 lux
S/N ratio	>47
Camera Mount	Std C-mount
Lighting Adapter	N/A

*System is also available in PAL and NTSC format. Other power power sources are supported.