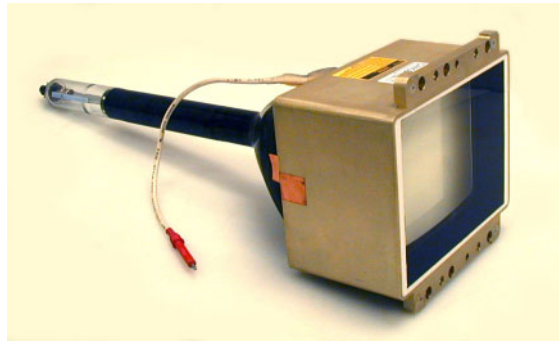


THOMAS ELECTRONICS, INC.

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Millennium Machine™ 9M265P48

The Thomas Electronics 9M265P48 is used in ITK's Millennium Machine. There are several important breakthroughs in the design of this CRT that are an integral part of ITK's unique approach to telecine engineering.

A proprietary mix of phosphors creates a wide spectrum white light output with an extremely fast persistence. The wide spectrum affords much more blue and red light than the P46 phosphors used in other telecine CRT's thus ensuring quiet signals.

The curved inner surface of the CRT creates an exact focal match for the curved film skid plate keeping the scanned images in focus at all points on the frame.

An advanced gun design and compacted phosphor screen create a very fine focused spot for very high resolution scans up to 4K. Spot size measures down to .001" with a useful screen area of 4" x 6".

The CRT is laminated to a 72mm / 2.8" thick IR matching optic for minimization of optical flare.