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# MICROVISION

## ZM-1 Horizontal Positioning Platform



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### OVERVIEW:

The ZM-1 table has been developed to aid our customers in the testing of displays. This table allows the operator to position the display on the table and move it effortlessly towards or away from the SS210/SS220 measurement system. With the optional absolute digital metering system, the UUT can be accurately positioned at a fixed distance away from the testing apparatus in either metric or English units.

The construction of the table consists of 3/8 inch aluminum top and bottom plates that are finished in black anodize plating. The lower plate has 3/4 inch shafting which is supported throughout the length with aluminum rail supports. The top plate has four linear bearings which mate with the rails. The unit is manually positioned and a locking mechanism allows a permanent placement.

A convenience of the table is that the vertical height of the table can be changed with the included set of extensions which increases the height from the standard 5 inches to 7 inches. This is convenient since most displays need to be elevated in order to measure the lower regions of the display. Also, the ZM-1 can be used with the TM-1 table (tilt and rotation) to provide a three axis adjustment, very useful when making measurements of flat panels where the alignment is critical for tests such as the ISO 13406-2.

### SPECIFICATIONS:

Weight:	50 pounds
Load Capacity:	>100 pounds
Dimensions (inches):	
Standard:	24L X 20W X 5H
Extended:	24L X 20W X 7H
Travel:	10 inches
Units: Metric:	0.01 mm to 250.00 mm
English:	0.001" to 10.000"



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