

View Online at <https://aerobasegroup.com/nsn/6625-00-144-4278>

**Overall Length:**

22.500 inches

**Overall Height:**

9.062 inches

**Overall Width:**

15.500 inches

**Current Type:**

Ac

**Frequency Rating:**

Between 48.0 hertz and 450.0 hertz

**Joint Electronics Type Designation System Item Name:**

Oscilloscope

**Joint Electronics Type Designation System Item Type Number:**

Type no. Os-168/urm

**Accessory Components And Quantity:**

Cable, sync 1; cable, extender 1; graticule 1; probe 2; tip, needle 2

**Voltage Rating:**

Between 115.0 volts and 230.0 volts

**Beam Quantity:**

1

**Graduation Interval:**

Graduated in v/cm on x, y and z axis

**Mounting Method:**

Cabinet w/complete hardware for rack

**Accuracy Range In Percent:**

-2.5 to 2.5

**Screen Size:**

5.000 in.

**Sweep Circuits:**

Included

**Generator Driven Feature:**

Included

**Sweep Circuit Type:**

Horizontal

**Sweep Frequency Range:**

+2.0 to 200.0 megahertz

**Single Trigger Sweep Duration:**

1.0 milliseconds

**Trigger Sweep Polarity Switch:**

Included

**Trigger Sweep Marker Intervals:**

Intervals not shown

**Expanded Sweep:**

Provided

**Amplifier Deflection Sensitivity Provision:**

Provided

**Vertical Deflection Sensitivity Voltage Rating:**

5.0 volts rms per inch

**Horizontal Deflection Sensitivity Voltage Rating:**

200.0 volts any acceptable outside diameter

**Input Intensity Modulation Feature:**

Provided

**Visual Modulation Sensitivity Voltage Rating:**

25.0 volts

**Visual Blanking Sensitivity Voltage Rating:**

25.0 volts

**Plate Direct Connection Deflection Sensitivity Provision:**

Provided

**Direct Connection Vertical Deflection Sensitivity Voltage Rating:**

5.2 volts cw outside diameter and 7.2 volts peak outside diameter

**Direct Connection Horizontal Deflection Sensitivity Voltage Rating:**

10.0 volts rms per inch and 14.0 volts rms per inch

**Frequency Response Rating:**

Provided

**X-axis Frequency Response Rating:**

Between 10.0 hertz and 500000.0 hertz

**Y-axis Frequency Response Rating:**

Between 2.0 hertz and 25000000.0 hertz

**Amplifier Input Impedance Rating Provision:**

Provided

**X-axis Input Impedance Rating:**

1.0 megohms

**Y-axis Input Impedance Rating:**

1.0 megohms

**Z-axis Input Impedance Rating:**

1.0 megohms

**Amplitude Calibrating Voltage Waveform:**

Square wave

**Calibrating Peak To Peak Amplitude:**

1.0 volts

**Measurement Range Quantity:**

1

**Measurement Range Steps:**

0 to 1 v per in.

**Calibrated Screen Scale:**

Included

**Trace Storage Tube:**

Not included

**Plug In Unit Function And Quantity:**

1 horizontal amplifier; 2 vertical amplifiers

**Camera Recording Device Accommodation:**

Provided

**Phase:**

Single

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

T320-g