

View Online at <https://aerobasegroup.com/nsn/6625-00-053-3112>

**Overall Length:**

22.500 inches

**Overall Height:**

11.000 inches

**Overall Width:**

8.000 inches

**Current Type:**

Ac

**Frequency Rating:**

Between 50.0 hertz and 400.0 hertz

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

Oscilloscope

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

An/usm-281

**Accessory Components And Quantity:**

Cable assembly 2; cover 1; radio frequency probe 2; bnc connectors 8

**Voltage Rating:**

115.0 volts and 230.0 volts

**Beam Quantity:**

1

**Graduation Interval:**

Graduated in v/cm on both axes & sec/cm on x axis

**Accuracy Range In Percent:**

-1.0/+1.0

**Screen Size:**

8 by 10 centimetes

**Sweep Circuits:**

Included

**Generator Driven Feature:**

Included

**Sweep Circuit Type:**

Horizontal

**Sweep Frequency Range:**

+0.0/+200.0 kilohertz

**Single Trigger Sweep Duration:**

Between 0.0 seconds and 20.0 seconds

**Trigger Sweep Voltage Amplitude Rating:**

Between 0.5 volts and 30.0 volts

**Trigger Sweep Polarity Switch:**

Included

**Trigger Sweep Marker Intervals:**

Markers not indicated on screen

**Expanded Sweep:**

Provided

**Amplifier Deflection Sensitivity Provision:**

Provided

**Vertical Deflection Sensitivity Voltage Rating:**

0.005 volts rms per centimeter and 20.000 volts rms per centimeter

**Horizontal Deflection Sensitivity Voltage Rating:**

0.1 volts rms per centimeter and 1.0 volts peak minor

**Input Intensity Modulation Feature:**

Provided

**Visual Modulation Sensitivity Voltage Rating:**

0.2 volts

**Visual Blanking Sensitivity Voltage Rating:**

2.0 volts

**Plate Direct Connection Deflection Sensitivity Provision:**

Provided

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

3.0 volts any acceptable minor

**Frequency Response Rating:**

Provided

**X-axis Frequency Response Rating:**

Between 0.0 megahertz and 5.0 megahertz

**Y-axis Frequency Response Rating:**

Between 0.0 megahertz and 50.0 megahertz

**Z-axis Frequency Response Rating:**

Between 0.0 megahertz and 15.0 megahertz

**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:**

5.1 kilohms

**Amplitude Calibrating Voltage Waveform:**

Square wave

**Calibrating Peak To Peak Amplitude:**

10.0 volts and 250.0 megavolts

**Measurement Range Quantity:**

2

**Calibrated Screen Scale:**

Included

**Trace Storage Tube:**

Not included

**Plug In Unit Function And Quantity:**

Time base & delay 1

**Camera Recording Device Accommodation:**

Provided

**Phase:**

Single

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T320-g