

View Online at <https://aerobasegroup.com/nsn/6625-00-580-3771>

**Width:**

17.500 inches

**Length:**

22.500 inches

**Ac Voltage Rating:**

115.0 volts

**Frequency Rating:**

Between 60.0 hertz and 400.0 hertz

**Internal Battery Accommodation:**

Not included

**Material And Location:**

Aluminum housing

**Inclosure Feature:**

Single item w/housing

**Test Type For Which Designed:**

Measures plus rise time and spacing; measures rf pulse power and freq; measures bandwidth and sensitivity; measures interrogation and or basic and common system replies

**Operating Test Capability:**

Oscilloscope-coder; input voltage range 0.05 to 2000v per in., sweep repetition rate 15 to 4100 pulses per sec.W/duty factor of 80 pct 4-1/2 in. Cathode ray tube presentation, reply code output rise time 0.05 usec, delay time 0.15 usec; modulator; 20v and 45v range, rise time 0.1 usec, delay time 0.15 usec, signal generator-coder, signal generator 925 to 1225 mc range, 0.5 to 3500w peak, pf power output; video calibrator pulse counter, 0 to 500 prf and 0 to 500 prf range calibration pulse 2.5 usec porm 0.5, rf attenuation range 8 to 108 dbm

**Phase:**

Single

**Functional Classification:**

Aa-9.1

**Functional Description:**

Designed to provide specialized facilities for performing maintenance, tests and calibration adjustments on various mark x and sif interrogators, transponders, video coders, decoders, and associated radar video distribution systems. The an/upm-98a can also be used to perform some of the more common tests required for maintenance of other radar equipments operating in the 925 to 1225 mhz frequency range

**Height:**

21.000 inches

**Entry Date:**

70-10-01

**Relationship To Similar Equipment:**

(DA)-WH-ENE-XHAU

**Surface Treatment:**

Enamel

**Surface Treatment:**

Enamel

**Type/model Designation:**

An/upm-98a

**Shelf Life:**

N/a

**Fig:**

T228-a