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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL, FIELD,
AND DEPOT MAINTENANCE MANUAL

MULTIMETER AN/PSM-6, AN/PSM-6A

PART NO.

FEDERAL STOCK NO.

56-5002A

6625-643-1686

56-5002B

6625-643-1686

165-5002

6625-656-5871

(B R U N O)

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MULMETER AN/PSM-6, AN/PSM-6A

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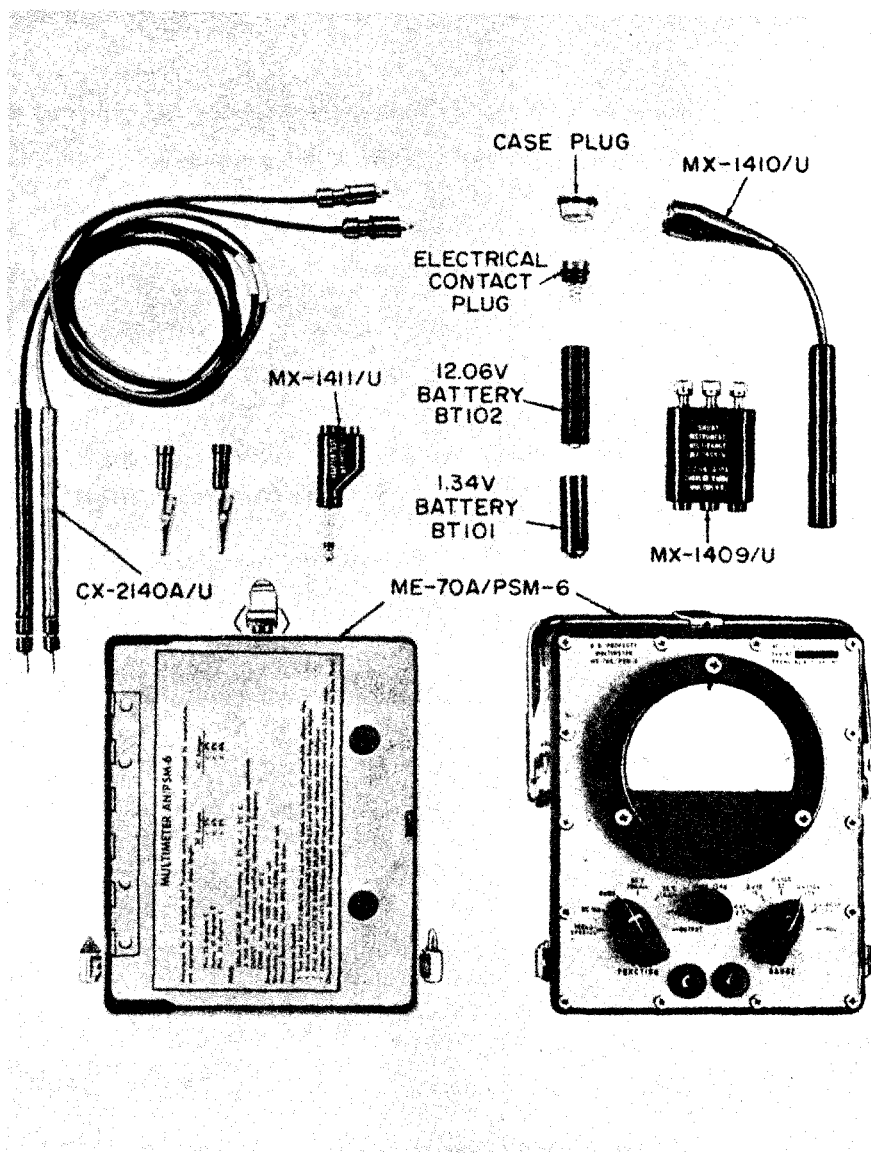


Figure 1-1. Multimeter AN/PSM-6 using Multimeter ME-70A/PSM-6

SECTION I

DESCRIPTION AND LEADING PARTICULARS

1-1. INTRODUCTION.

1-2. GENERAL. This publication comprises the operating instructions for Multimeter AN/PSM-6, Part No. 56-5002, Federal Stock No. 6625-643-1686, Multimeter AN/PSM-6, Part No. 56-5002B, Federal Stock No. 6625-643-1686, and Multimeter AN/PSM-6A, Part No. 165-5002, Federal Stock No. 6625-656-5871, manufactured by Bruno-New York Industries Corporation, New York, N. Y. Figure 1-1 shows Multimeter AN/PSM-6, using Multimeter ME-70A/PSM-6 as its major component. Serial numbers 25298 and above are assigned to these units. Multimeter AN/PSM-6, illustrated in figure 1-2 uses Multimeter ME-70/PSM-6, to which serial numbers below 25298 are assigned. Multimeter AN/PSM-6A .

illustrated in figure 1-3, uses Multimeter ME-70B/PSM-6A as its major component.

1-3. PURPOSE. Multimeters AN/PSM-6 and AN/PSM-6A are items of general purpose test equipment used to measure dc voltage up to 5,000 volts, low-frequency ac up to 1,000 volts RMS, dc current up to 10 amperes and resistances up to 10 megohms. The AN/PSM-6 can also measure output voltage up to 1,000 volts RMS and the AN/PSM-6A can measure pulsed dc current up to 1,000 ma. Their operating temperature ranges for all measurements, except resistance, are from -40°F (-40°C) to 131°F (55°C). The multimeters are completely self-contained and include the following accessories stored under the lid in the cover:

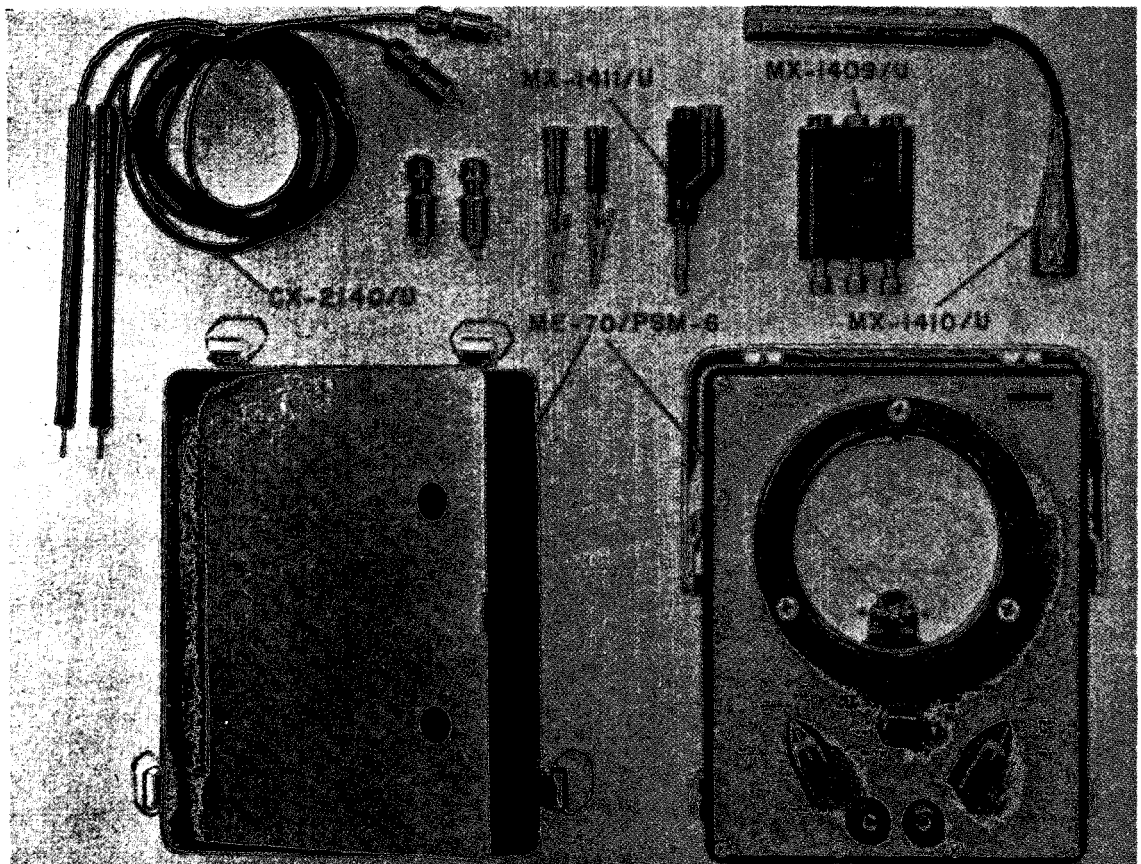


Figure 1-2. Multimeter AN/PSM-6 using Multimeter ME-70/PSM-6