

# **TM 11-6625-610-15**

**DEPARTMENT OF THE ARMY TECHNICAL MANUAL**

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## **ORGANIZATIONAL, DS, GS, AND DEPOT MAINTENANCE MANUAL VOLTMETER, ELECTRONIC ME-227/U**

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This copy is a reprint which includes current  
pages from Changes 1 and 2.

**HEADQUARTERS, DEPARTMENT OF THE ARMY  
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DEPARTMENT OF THE ARMY  
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Organizational, DS, GS, and Depot Maintenance Manual

VOLTMETER, ELECTRONIC ME-227/U

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TYPE MV-17C

*DC Millivohmeter*

UP SCALE READING  
REGARDLESS OF POLARITY

1,2.5 mV MID-ZERO RANGES  
FOR BRIDGE OR  
NULL INDICATION

REASONABLY PRICED

3% BASIC ACCURACY

HIGH IMPEDANCE INPUT

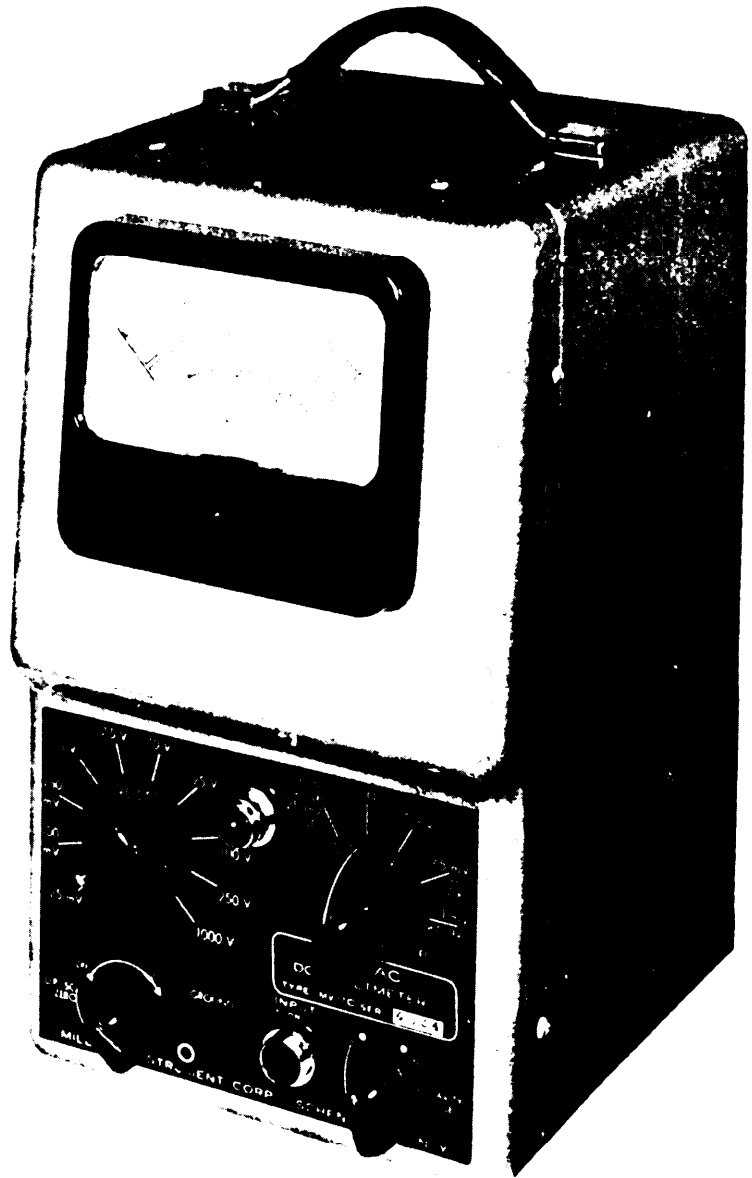


Figure 1. Voltmeter, Electronic ME-227/U.

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## Section I. GENERAL

### 1. Scope

This manual describes Voltmeter, Electronic ME-227/U (fig. 1) and provides instruction for operation, operator and organizational maintenance, and functioning of equipment. All references to MV-17C, in this manual, apply to Voltmeter, Electronic ME-227/U.

### 2. Index of Equipment Publications

Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment. Department of the Army Pamphlet No. 310-4 is an index of current technical manuals, technical bulletins, supply manuals (types 4, 6, 7, 8, and 9), supply bulletins, lubrication orders, and modification work orders available through publications supply channels. The index lists the individual parts (-10, -20, -35P, etc) and the latest changes to and revisions of each equipment publication.

### 3. Forms and Records

a. Reports of Maintenance and Unsatisfactory Equipment. Use equipment forms and records in accordance with instructions in TM 38-750.

b. Report of Damaged or Improper shipment. Fill out and forward DD Form 6 (Report of Damaged or Improper Shipment) as prescribed in AR 700-58 (Army), NAVSANDA Publication 378 (Navy), and AFR 71-4 (Air Force)'. .

c. Reporting of Equipment Manual Improvements. The direct reporting, by the individual user, of errors, omissions, and recommendations for improving this equipment manual is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed by use of pencil, pen, or typewriter. DA Form 2028 will be completed in triplicate and forwarded by the individual using the manual. The original and one copy will be forwarded direct to: Commanding General, U. S. Army Electronics Command, ATTN: AMSEL-MR-MP-P, Fort Monmouth, New Jersey 07703. One information copy will be furnished to the, individual's immediate supervisor (officer, noncommissioned officer, supervisor, etc).