

DEPARTMENT OF THE ARMY
U. S. ARMY MEDICAL DEPARTMENT ACTIVITY
Fort Huachuca, Arizona 85613-7079

MEDDAC Memorandum
No. 750-1

10 January 2008

Maintenance of Supplies and Equipment
ACQUISITION AND CALIBRATION OF TEST, MEASUREMENT,
AND DIAGNOSTIC EQUIPMENT (TMDE)

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1. HISTORY. This issue publishes a revision of this publication.
2. PURPOSE. This memorandum establishes procedures for the acquisition and calibration of test, measurement, and diagnostic equipment (TMDE).
3. SCOPE. This memorandum is applicable to all elements of USA MEDDAC/DENTAC.
4. REFERENCE.
 - 4.1 AR 750-43, Army Test, Measurement, and Diagnostic Equipment Program.
 - 4.2 DA Pam 700-21-1, Department of the Army Test, Measurement, and Diagnostic Equipment Preferred Items List.
 - 4.3 TB 43-180, Calibration and Repair Requirements for the Maintenance of Army Materiel.
 - 4.4 TB 750-25, Maintenance of Supplies and Equipment: Army Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Repair Support (C&RS) Program.

*This MEDDAC Memo supersedes MEDDAC Memo 750-1, 11 April 2006

5. DEFINITIONS.

5.1 Test, Measurement, and Diagnostic Equipment is used to evaluate the condition of a system or an item of equipment and to identify or isolate an actual or potential malfunction. TMDE does not include any item that displays, measures, or indicates a physiological parameter. Medical diagnostic equipment that is used in direct patient care is not TMDE. There are other items of non-medical equipment, although not TMDE, that require calibration and should be included in the calibration program. Survey meters used by Preventive Medicine Service (PM) personnel and radiac equipment used by Radiation Protection Officers are examples.

5.2 Calibration: An action performed to standardize (as a measuring instrument) by determining the deviation from a standard so as to ascertain the proper correction factors needed to maintain or restore a piece of equipment to its prescribed standards IAW DA technical publications.

6. RESPONSIBILITIES.

6.1 Chief, Equipment Management Branch will be responsible for the establishment and coordination of the MEDDAC TMDE program.

6.2 Property Book Officer (PBO) is designated as the primary TMDE support coordinator, and is responsible for all matters pertaining to TMDE acquisition, calibration, and repair support. The PBO will appoint alternate coordinators in the Clinical Engineering Branch and PM.

6.3 Chiefs of departments/divisions/branches, and separate services that use TMDE are responsible for all items under their control. Each will ensure that TMDE used in their facility is procured, calibrated, and repaired IAW: AR 750-43, PAM 700-21-1, TB 43-180, and TB 750-25.

7. POLICIES.

7.1 Acquisition/Purchase of TMDE Equipment.

7.1.1 In accordance with reference AR 750-43, MEDCOM, and U.S. Army Central TMDE Activity (CTA), approval will be obtained prior to the procurement of all TMDE, regardless of cost. Selection of TMDE for acquisition should be made using the selection process in AR 750-43. The cost of TMDE selection determines the funding documentation required. Those TMDE items costing \$100,000.00 and over qualify for MEDCASE (OPA) funding; those items costing less than \$100,000.00 are OMA funded.

7.1.2 MEDCASE funded TMDE requires the following documentation:

7.1.2.1 DA Form 5027-R, July 1997, MEDCASE Program Requirement (MPR)

7.1.2.2 DA Form 5028-R, July 1997, MEDCASE Support and Transmittal Form (MSTF).

7.1.2.3 DA Form 4062-R TMDE Acquisition Approval Analysis Data (for items not listed in AR 750-43).

7.1.2.4 Manufacturer's literature with technical data.

7.1.2.5 Memorandum (see Appendix A).

7.1.3 The OMA Funded TMDE requires:

7.1.3.1 DA Form 4062-R (for items not listed in AR 750-43).

7.1.3.2 Memorandum (see Appendix A sample copy).

7.1.3.3 Manufacturer's literature

7.1.4 Instructions for completing DA Form 4062-R are in AR 750-43.

7.1.5 When the request for TMDE is fully justified, it will be forwarded through HQ MEDCOM to U.S. Army Central TMDE Activity (CTA) with a recommendation for approval. If the request to acquire TMDE is approved by CTA, it will be given a CTA reference number (approval number) and returned through HQ MEDCOM to the requesting activity.

7.1.6 Calibration of TMDE:

7.1.6.1 The MEDDAC TMDE Support Coordinator or alternate will receive a master list, projected items list, and a delinquent list from TMDE Calibration and Repair Center. The master list with annotated changes in red will be returned to the appropriate Calibration and Repair Center.

7.1.6.2 The coordinator must also turn-in the projected and delinquent items to the TMDE U.S. Army TMDE Support Center Ft Huachuca AZ and pick up items once they are repaired or calibrated. Alternate TMDE coordinators guidance provided by the local TMDE support branch.

7.1.6.3 All MEDDAC activities are prohibited from using TMDE that has not been calibrated as scheduled.

The proponent of this publication is the Chief, Logistics Division, USAMEDDAC. Users are invited to send comments and suggested improvements on DA Form 2028 directly to CDR, USAMEDDAC, ATTN: MCXJ-LO, Fort Huachuca, AZ 85613-7079

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APPENDIX A

DEPARTMENT OF THE ARMY
UNITED STATES ARMY MEDICAL DEPARTMENT ACTIVITY
FORT HUACHUCA, AZ 85613

OFFICE SYMBOL

MEMORANDUM THRU Commander, USAMMA

ATTN: MCMR-MMM, Fort Detrick, MD 21702-5001

FOR Commander, U.S. Army Aviation and Missile Command,

ATTN: AMSAM-TMD-LI, Redstone, AL 35898-5400

SUBJECT: Test, Measurement, and Diagnostic Equipment (TMDE) Acquisition.

1. This is a request to acquire TMDE (listed/not listed) in the TMDE Register. (Always use the current edition.)

2. Originating Organization Identification:

a. Command:

b. Official mailing address:

c. Requestor/user:

d. POC: (Must be knowledgeable of TMDE requirement)

e. Telephone: DSN _____ FTS _____.

f. MEDCASE ACN: (If applicable)

g. HSC Ref No: (For HSC Use)

3. Identification of TMDE requested:

a. Noun nomenclature:

b. Manufacturer and model number:

c. Unit price:

d. Quantity requested:

e. Number of like items on-hand: