

[METRIC]
A-A-2580B
July 20, 1998
SUPERSEDING
A-A-2580A
April 2, 1991

COMMERCIAL ITEM DESCRIPTION

STOPWATCH, LABORATORY

The General Services Administration has authorized the use of this commercial item description for all federal agencies.

1. SCOPE:

This commercial item description covers single action laboratory stopwatches having a minimum of seven jewels that are controlled by successively depressing the crown or a push-piece extending through the crown which will cause the hands to start, stop or fly back to zero.

2. SALIENT CHARACTERISTICS:

2.1 Operating positions. The stem wound watches shall be adjustable for three operating positions: a) Vertical, pendant-up. b) Horizontal, dial up. C) Tilted 45 degrees, pendant up, dial up.

2.2 Case: Shall be of inherently corrosion-resistant metal, fiberglass, or plastic. Covers, bezels, crystals and all points of separation shall be fashioned such that they can be disassembled and reassembled as required for maintenance.

2.3 Jeweling: All jewels shall be of natural or synthetic sapphire, ruby or garnet.

2.4 Dial and hands: The dial shall be a clear white enamel on metal with Arabic numerals. The value of the smallest readable graduation shall be no greater than $1/5$ th of a second. Each graduation representing a full second shall be emphasized and no graduation shall be omitted. Each watch shall be provided with a minute register, the capacity of which shall be at least 30 minutes.

Beneficial comments, recommendations, additions, deletions clarifications, etc. and any other data which may improve this document should be sent to: General Services Administration, Engineering Branch (2FYEE), New York, NY 10278.

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2.5 Crystal: Shall be clear, uncolored, free of bubbles, scratches or other imperfections.

2.6 Workmanship. Watches shall be free of any defects that might affect their durability, serviceability, and appearance.

2.7 Timing: Each watch in the sample shall be subjected to the following timing tests and shall not exceed the allowed tolerances specified below:

| No. | Criteria | Tolerance (sec) |
|-----|---|-----------------|
| 1 | Correction 3-hour run* | 4 |
| 2 | Correction 6-hour run*# | 8 |
| 3 | Max difference between the 3-hour correction and ½ of the 6-hour correction | 1 |
| 4 | Max difference between the 3-hour corrections in the specified positions | 8 |

* - in H-DU position

*# - Each watch shall be operated for 2 hours in each of the 3 positions specified in 2.1.

2.8 WARRANTY: Stopwatches shall be warranted by the contractor for parts and labor for two years from date of delivery to the government.

3. REGULATORY REQUIREMENTS:

The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.4303 of the Federal Acquisition Regulation (FAR).

4. QUALITY ASSURANCE PROVISIONS:

Product Conformance. The product provided shall meet the salient characteristics of this commercial item description. The quality of the product sold to the government shall be equal to or better than the quality of the product sold by the manufacturer in the commercial market. The government reserves the right to require proof of such conformance.

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5. PACKAGING:

Preservation, Packaging, Packing, Labeling, and Marking shall be as specified in the contract or purchase order.

6. NOTES:

6.1 Addresses for obtaining copies of referenced documents:

The issue date in effect on date of invitation for bids or request for proposal shall apply.

6.1.1 Federal Acquisition Regulations (FAR) may be obtained from the U.S. Government Printing Office, Washington, D.C. 20402.

6.2 Ordering Data: Purchasers should include in procurement documents: Title, number, and date of this document.

6.3 List of NSN's:

- 1) 6645-00-250-4680.

**Military Interest
Coordinating activity:
Air Force - 82**

**Preparing Activity
GSA-FSS**