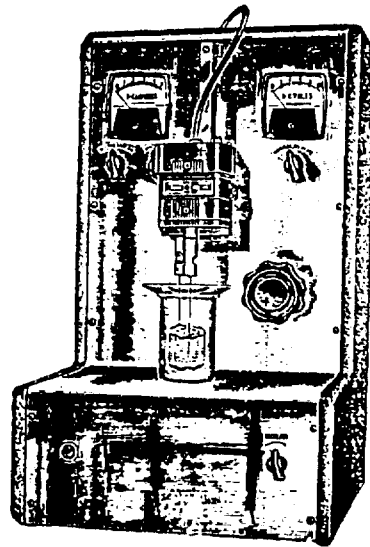


ARMY - MD, DM
NAVY - HS

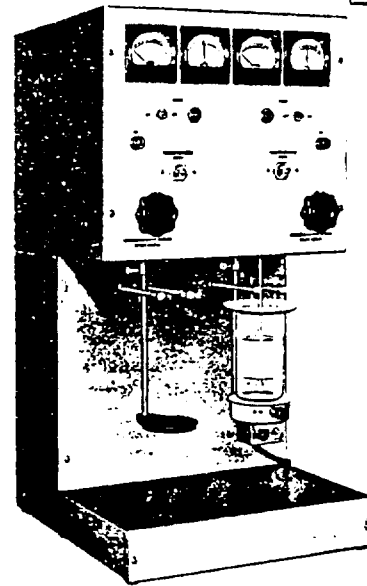
USER ACTIVITIES:

ARMY - MC
AIR FORCE - 82

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.



MS51436-1



MS51436-2

FED. SUP CLASS
6630

MATERIAL: The case shall have a corrosion-resisting steel front in accordance with Federal Specification QQ-S-766, class 304. The remaining outer surfaces shall be steel or aluminum. All fittings, including the electrode chuck, shall be corrosion-resisting steel, class 304.

FINISH: Corrosion-resisting steel shall be ground to a No. 4 commercial finish. All other steel surfaces shall have a baked enamel finish, color to be as specified at invitation for bids. Aluminum surfaces may be plain or finished with baked enamel.

DESIGN: MS51436-1 shall have one station and MS51436-2 has two stations, which can be operated simultaneously. The analyzers shall have a built-in rectifier that supplies DC potentials up to 10V, currents capacity up to 10 amperes. Each station shall have a separate ammeter and a center-zero (10-0-10) voltmeter with polarity reversing switch. The stirrers shall be driven by a ball bearing induction type motor at constant speed of 620 RPM through a quiet V-belt drive. Hollow spindles with spring clip are used for attachment of glass stirring rods.

The approximate size shall be 60 + 15 cm high x 32 + 5 cm wide x 35 + 7 cm deep. Maximum power consumption 400 watts.

All electrical components and insulation shall meet the standards of Underwriters Laboratories, Inc., and shall operate on 120 or 240 volts, 50/60 Hz.

NOTE: Items differing from this Military Standard by minor variations in design or dimensions are considered standard under this document, provided such variations do not affect performance and are not in conflict with the material requirements specified herein.

| | | | | |
|----------------------------|--------------|------------------------|---------------------------------|-------------------|
| P.A. | EA | INTERNATIONAL INTEREST | TITLE | MILITARY STANDARD |
| Other Cust | MS, DP 99 | | ANALYZER, ELECTROLYTIC SOLUTION | MS51436 |
| Procurement Specifications | NONE | SUPERSEDES: | SHEET | OF |
| | | | 1 | 1 |