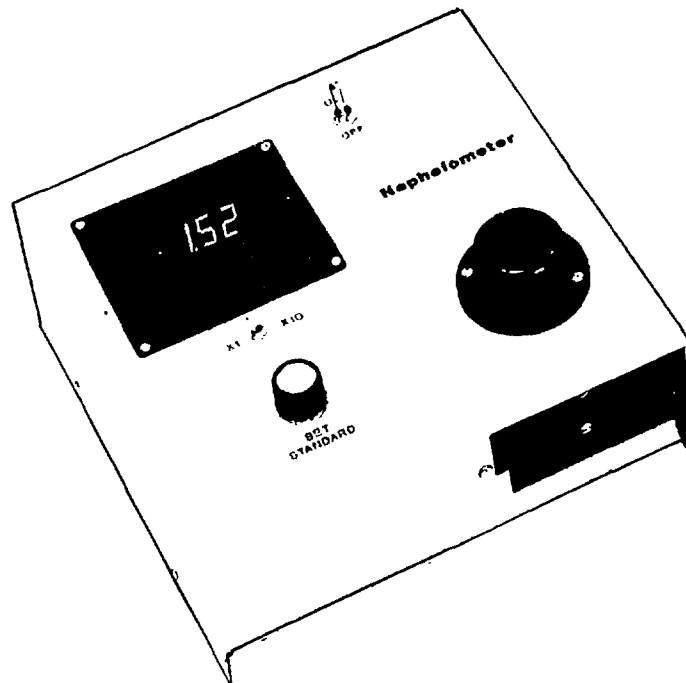


FED. SUP CLASS
6630

MATERIAL: Case shall be made of aluminum. All other parts and material shall be as required for proper operation of the instrument.

DESIGN: The nephelometer shall be approximately ten inches square and four inches high. It can be equipped with either a digital meter as shown or an analog meter. The power source shall be 50 to 60 Hz AC 105 to 130 volts or 210 to 260 volts, 40 watts and may also be operated from DC inverter for field use. It shall be readable to $\pm 0.5\%$ of 0.01 NTU on the 0-9.99 NTUs range and 0.1 NTUs on the 0-99.9 range with reproducibility of $\pm 2\%$ of full scale.

All electrical components shall conform to the standards of Underwriters Laboratories, Incorporated.

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.

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.

REVIEWER ACTIVITIES: ARMY - ME
NAVY - OS
AIR FORCE - 82

USER ACTIVITIES: ARMY - MD, DM
NAVY - MS

P.A.	EA	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Cust	MS 99		NEPHELOMETER, INTEGRATING	MS51448
Procurement Specifications	NONE	SUPERSEDES:		SHEET 1 OF 1