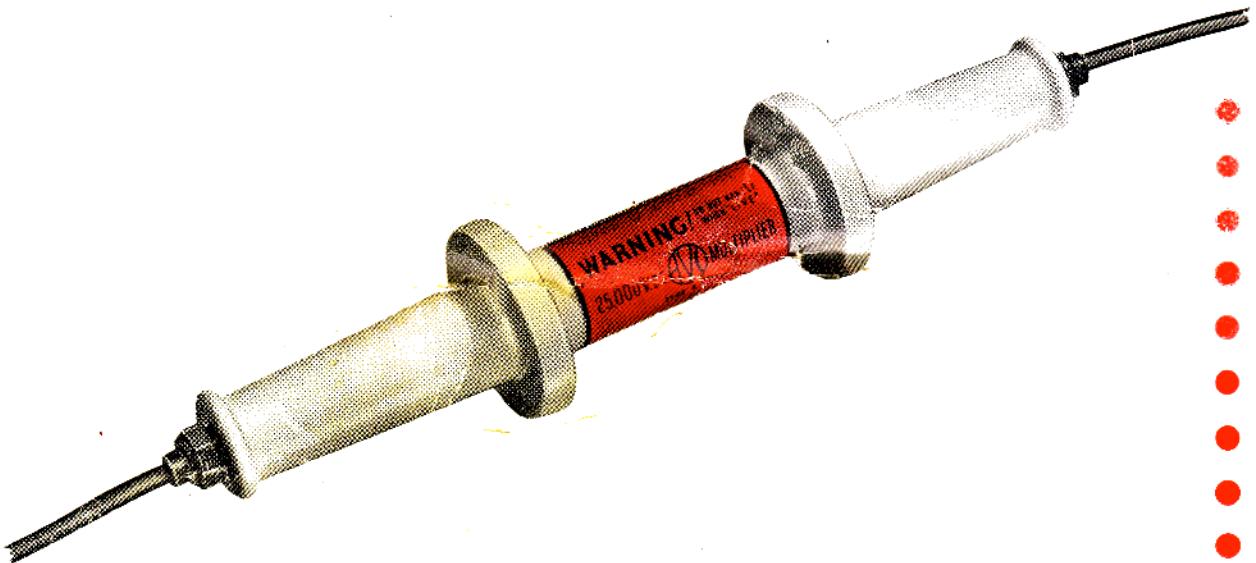




25,000 V

D.C. Multipliers



The illustration shows one of the "Avo" 25,000 V D.C. Multipliers which have been designed for use with the Models 8, 8SX, 8X, H.R.1 and H.R.2 AvoMeters, with the "Avo" Electronic Test Meter and the "Avo" Electronic Multimeter. The Multipliers are constructed of materials chosen for their rigidity and high dielectric strength, particular attention having been devoted to the problem of corona discharge, and the voltage gradient across the resistive unit.

These accessories have been designed to operate with low power, high voltage systems, and their use is not recommended where substantial power is available.

When ordering, please state the name and the type of instrument with which the Multiplier is required to operate.



Instructions for using 25,000V D.C. Multipliers

Using the type 8 25,000V D.C. Multiplier with the Models 8, 8SX, 8X, H.R.1 and H.R.2 AvoMeters.

GENERAL INSTRUCTIONS

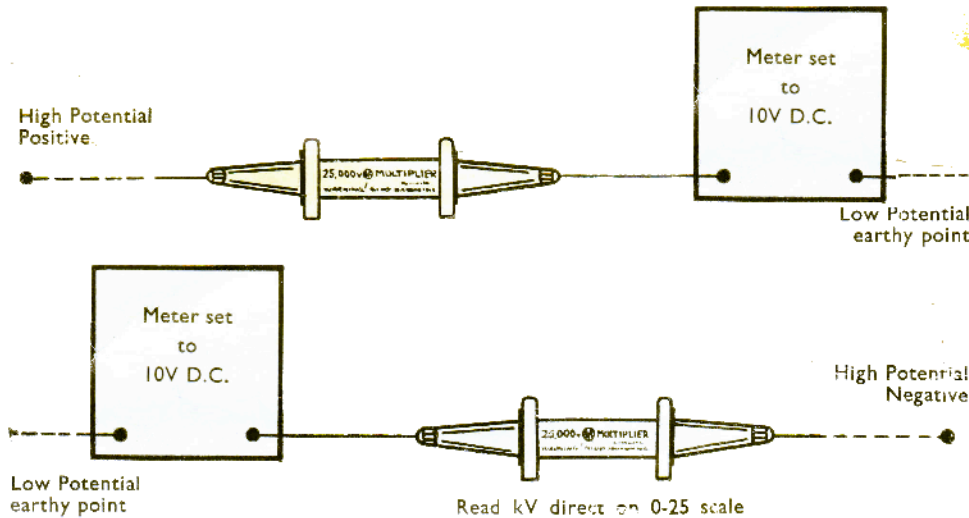
The Multiplier must be kept perfectly dry, and should not be handled by a person having moist hands.

The Multiplier should not be handled when attached to an E.H.T. circuit which is live.

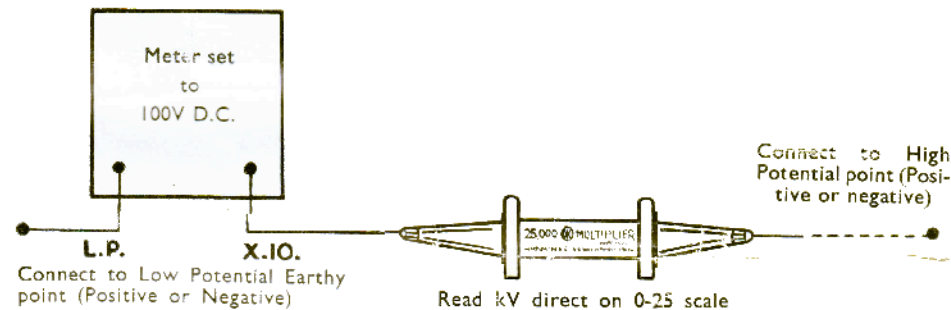
The "Avo" 25,000V D.C. Multiplier is intended for use on E.H.T. supplies similar to the type found in television receivers, etc. (e.g. R.F., E.H.T. Units, and line fly-back units), and should not be used on high tension circuits where high power is available.

The Multiplier is intended for connection into a circuit with the indicating instrument at the low potential end of the Multiplier. Should the indicating instrument contain a reverse polarity switch, it should be set to its correct position.

Ensure that the connectors on the Multiplier are tightly screwed home before switching on any circuit into which the Multiplier has been connected.

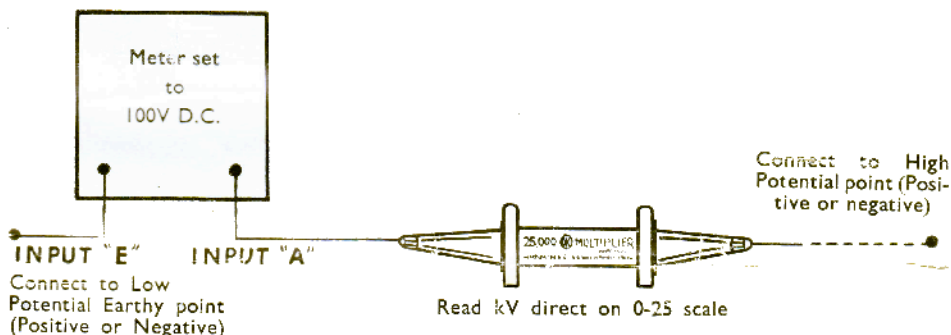


Using the type E.T.M. 25,000V D.C. Multiplier with the "Avo" Electronic Test Meter.



Set the Electronic Test Meter to its 100V D.C. range and connect the short lead of the Multiplier to the X10 socket. Connect the L.P. terminal of the Electronic Test Meter to the low potential point of high voltage source and the long lead of the Multiplier to the high potential point. Set the METER REVERSE Switch for forward deflection of the indicating needle. Full-scale deflection on the Electronic Test Meter equals 25,000V D.C.

Using the type 38 25,000V D.C. Multiplier with the "Avo" Electronic Multimeter.



Set the Electronic Multimeter to its 100V D.C. range and connect the short lead of the Multiplier to the INPUT "A" socket of the instrument. Connect the INPUT "E" socket of the instrument to the low potential point of the high voltage source, and connect the long lead of the Multiplier to the high potential point of the voltage source. Set the instrument METER REVERSE Switch for forward deflection of the indicating needle. Full-scale deflection on the Electronic Multimeter equals 25,000V D.C.

Ensure that high voltage circuits are dead before making connections

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