

TYPE KR-9

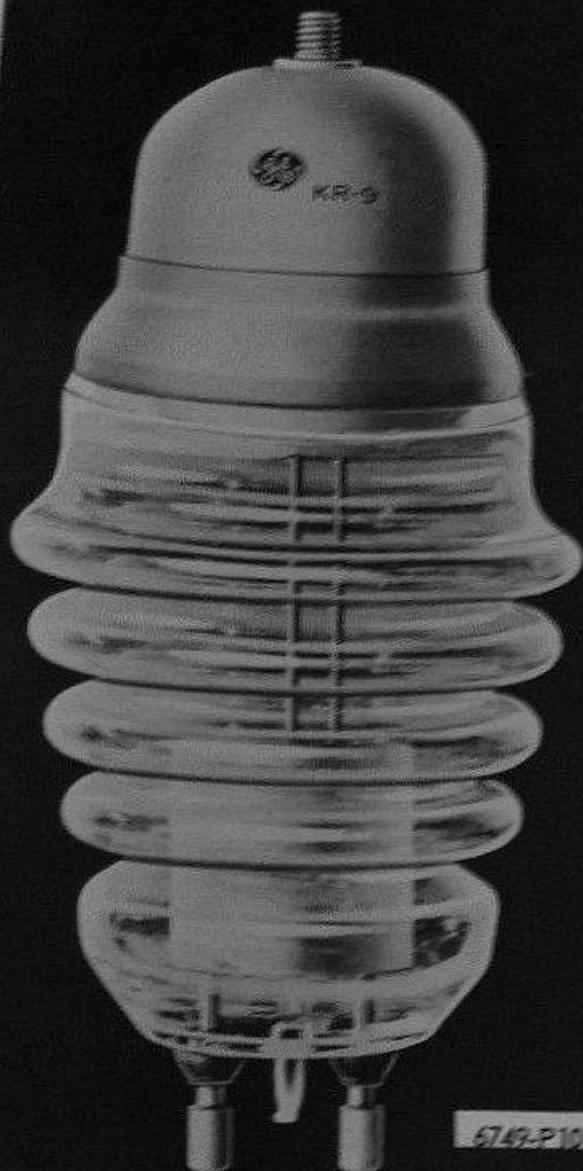
Kenotron Rectifier

The KR-9 Kenotron has been developed to meet the demand for a low-wattage rectifier which will operate over the entire range of diagnostic technics.

A thoriated-tungsten filament has been incorporated to achieve reduced filament wattage and to maintain the capacity required for modern technics. The emission of this filament is many times greater than that of a pure tungsten filament similarly energized.

The use of a thoriated-tungsten filament usually requires very accurate maintenance of the supply voltage. The design of this tube permits a long useful life when the total filament voltage variations do not exceed $\pm 10\%$ of the rated six volts.

The KR-9 may be mounted in any position, thus providing greater flexibility in its application. Its small size and low wattage makes feasible the design of a proportionally smaller housing. Supported from the anode only, with flexible leads to complete the filament circuit, this tube offers a rugged construction capable of withstanding the heavy service to which it may be subjected.



RATINGS ON THE TYPE KR-9 KENOTRON RECTIFIER

Filament Voltage	Filament Current	Max. Inverse Voltage	Max. D.C. Load *	Duty Cycle
6.0 volts	7.5 amps.	150 kvp	50 ma**	Continuous
6.0 volts	7.5 amps.	150 kvp	600 ma	Intermittent

*These ratings apply to full-wave circuits only.

**This milliamperage rating may be increased when more than normal provisions are made, external to the tube to promote a faster rate of heat dissipation. Each such contemplated case will have to be considered individually.

X-RAY DEPARTMENT

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