



Coolidge X-Ray Tube, Vol. 1 (Classic Reprint)

By General Electric X-Ray Corporation

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Coolidge X-Ray Tube, Vol. 1 The cathode filament may be heated by means of a storage battery or a small transformer. The battery is universally applicable. The transformer may be used wherever there is alternating current available, either from the supply mains or from a synchronous converter. The filament current transformer is not to be recommended for radiographic work where there is much line drop or fluctuation in the current supply. The transformer is generally used wherever alternating current is available. This transformer should have a low tension output of 10 to 12 volts and not over 5 amperes. It should be capable of finely graduated control by means of either a resistance or variable inductance device. As the low tension side of this transformer will be brought to the full potential of the tube, it is important that it be thoroughly insulated from the high tension side, the ground and the patient. The storage battery may be used where there is no source of alternating current or where on account of fluctuation of voltage...



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