



5ABP11

5ABP11 OSCILLOGRAPH TUBE

POST-DEFLECTION ACCELERATOR

ELECTROSTATIC FOCUS

ELECTROSTATIC DEFLECTION

The 5ABP11 is the same as the 5ABP1, except that it utilizes a short persistence screen which exhibits blue fluorescence and phosphorescence. The blue radiation of its fluorescent screen is highly actinic and has sufficiently short persistence to permit use of the 5ABP11 in all photographic applications without blurring except in those where film moves at a high speed.

The 5ABP11 is also quite satisfactory for visual observation of phenomena because it utilizes an improved phosphor having unusually high brightness for a blue screen. The brightness of the P11 screen is about one-half that of the P1 screen under the same conditions of excitation.

The SPECTRAL-ENERGY EMISSION CHARACTERISTIC,
and the PERSISTENCE CHARACTERISTIC of
the P11 PHOSPHOR are shown at the
front of this Section.