

The invention relates to devices for reproduction of the color image. The device includes 51 cm diagonal axis aperture-mask kinescope and more, a high-voltage DC voltage source, the output being directly connected with kinescope anode output and the kinescope average current limiting circuit. In the kinescope there are metalalloyed cathodes with working surface less than 1mm^2 where the first and second kinescope net-shaped electrodes the apertures 0,3 - 0,5mm in diameter have and 0,1 - 0,15mm are spaced and the high-voltage DC voltage source is made so that its output voltage is equal to 20kV.