

The invention relates to the optical information recording on photothermoplastic medium.

The device for hologram and interferogram recording on photothermoplastic medium includes a tape-handling mechanism (1) for the photothermoplastic medium (2), a charging node (3) with a corona filament (4), placed from the end of the photothermoplastic layer of the medium (2), and a heating element (5) with electrode, placed on the opposite side of the photothermoplastic medium (2), connected to a control unit (6). The device is equipped with two laser radiation sources with different wavelengths λ_1 and λ_2 . The heating element (5) is made of single-crystal sapphire, on which it is deposited the SnO_2 electrode in the form of semitransparent layer.

Claims: 1

Fig.: 1

