The present invention relates to a device for optically testing templates on photopolymeric plates used for producing flexforms. The proposed device provides a possibility of the contactless nondestructive testing of the templates. The device contains an optical unit with a digital video camera. The camera is installed in a holder at a specified distance from the template and can be displaced along two mutually perpendicular axes in a horizontal plane. The device is distinctive by its enhanced resolution and possibility to test templates with different dimensions.