

Ultrasound in the manufacture of medical instruments

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Abstract

© Published under licence by IOP Publishing Ltd. The article contains information on the properties and possibilities of ultrasonic oscillations of high intensity, the features of the application of ultrasonic vibrations for the intensification of processes occurring in liquid, solid, gaseous media, polymeric materials, as applied to solving problems in the chemical, biotechnological, food industries and related industries. The methods of using ultrasound for cleaning parts on grinding and polishing operations, which are primarily intended for use in the manufacture of medical instruments, are described in more details.

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