Advanced Desktop Manufacturing System for Micro-Mechanical Fabrication

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Abstract

A desktop manufacturing system has been developed for the advanced production shops. This is an advanced micro-mechanical fabrication tool for manufacturing advanced micro-components. This paper describes the concept and the features of the developed fabrication system, and also results achieved by the system. Good performances for micro-manufacturing on the desktop machines with ELID (ELectrolytic In-process Dressing), are demonstrated.