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ULTRASONIC BENDING FATIGUE TESTING MACHINE FOR CERAMICS



▶ MORE INFORMATION

MEGA-TREND

- **Chemicals and Materials**

TECHNOLOGY READINESS LEVEL (TRL)

- **TRL 2**

PATENT/ GRANTED NUMBER

- **PI 2014700172**

▶ TECHNOLOGY OVERVIEW

The present invention provides an ultrasonic bending fatigue testing machine for ceramics, the machine includes: a) a generator; b) a data converter which connected to both generator and oscilloscope; c) measuring and control units; d) supporting frame; wherein the measuring and control units collaboratively includes a piezoelectric or magnetostrictive transducer, a mechanical amplification transducer (ultrasonic horn), cut-off switch and an electronic displacement gauge.

CONTACT US!

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