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ULTRASONIC BENDING FATIGUE TEST APPARATUS FOR METALS



▶ MORE INFORMATION

MEGA-TREND

- Chemicals and Materials

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 2

PATENT/ GRANTED NUMBER

- PI 2014700173

▶ TECHNOLOGY OVERVIEW

The present invention provides an improved ultrasonic bending fatigue test apparatus for metals, the apparatus includes: a) a generator; b) a data converter which connected to both generator and oscilloscope; c) measuring and control units; d) a base; wherein the measuring and control units collaboratively includes a piezoelectric or magnetostrictive transducer, a mechanical amplification transducer (ultrasonic horn), and a pair of connection grips.

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