

The invention relates to the non-destructive testing and may be used for non-destructive testing of articles by the kick-sorting and spectral method.

The generator of ultrasonic oscillations for the flaw-detector contains a shaper of the ultrasonic pulse burst duration, a self-excited oscillator, a power amplifier and a filter, the output of which is meant for connection to the flaw-detector converter, all connected in series, as well as a set-point device of the modulated tension, in the capacity of set-point device of the modulated tension is used an electronic computer, the series port of which is connected to the input of the ultrasonic pulse burst duration shaper, and in the capacity of self-excited oscillator is used a shaper of the ultrasonic oscillation mode, including a clock pulse generator, the input of which is connected to the output of the ultrasonic pulse burst duration shaper and the output - to the input of the address counter, the output of which is connected to the first input of the on-line memory, the second input of which is connected to the second output of the electronic computer, and the output is connected to the input of the analog-to-digital converter, the output of which is connected to the input of the power amplifier.

Claims: 1

Fig.: 1