

THE VIRTUAL INSTRUMENTATION IN THE DIMENSIONAL CONTROL - 1ST PART

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Abstract: *In this paper an example for the virtual instrumentation implementation to a system for the measuring of the radial deviation of a revolution probe is presented. The system is composed by an inductive displacement transducer that is coupled to an acquisition board. From the board, the signals are taken over by the PC, where, through a virtual instrument, created in LabVIEW 7.1 graphical programming software, there are obtained all the necessary data concerning the probe form deviations control.*

Key words: *LabVIEW, virtual instrument, inductive transducer, acquisition board.*

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