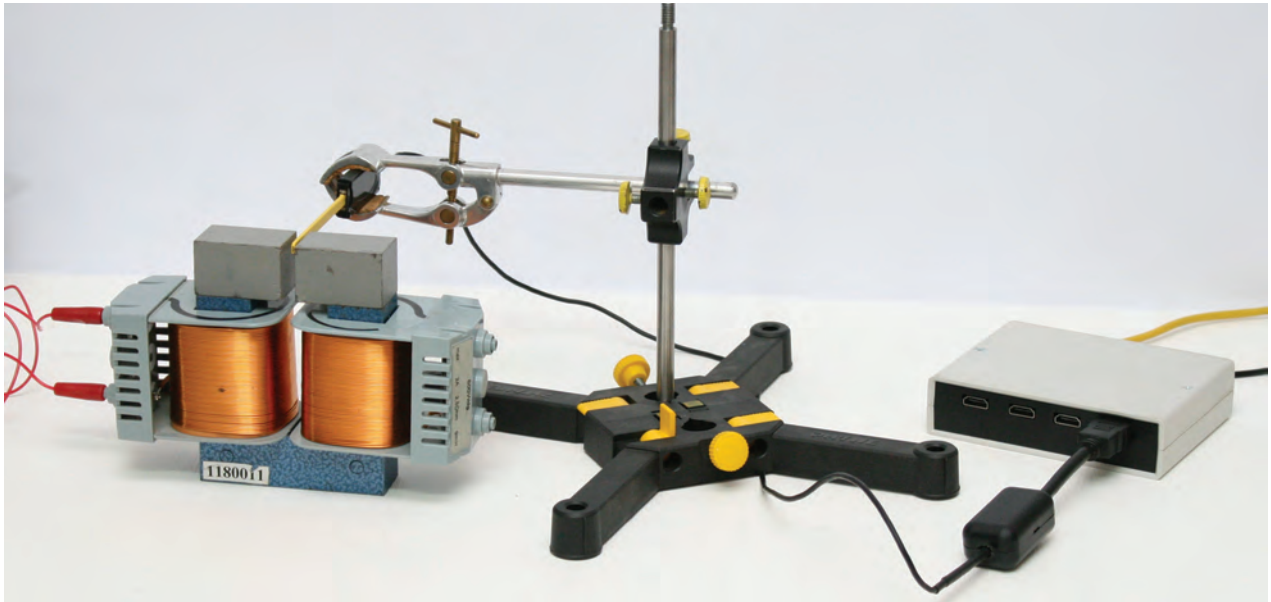


## INTERACTIVE MICROPROCESSOR SYSTEM FOR EXPERIMENT COMPUTERIZATION



Experiment with the use of software and hardware complex

### Areas of Application

The hardware and software system is to be used for experimental data acquisition and processing as a framework for modern computer-oriented laboratories for physics experiments at educational and research establishments of Ukraine

### Advantages

The system has no counterparts in Ukraine, is considerably cheaper than the foreign analogs and possesses as good specifications as they do

### Stage of Development. Suggestions for Commercialization

IRL6, TRL5  
The options are purchase of manufacturing license or signature of license agreement  
Small-scale fabrication is possible at the Institute's capacities at investor's cost

### Specification

The modular approach enables to quickly adapt the hardware and software system to available equipment and to develop new computerized appliances. The implementation of fiber channels makes it possible to configure interactive devices and setups with remote access. The system can be helpful for multiple-access use of more expensive equipment via Internet. The system has no special requirements to user's PC. Specifications: 4 HDMI in/outputs; RJ45 slot for twisted pair wire; 4-channel 12-bit analog-digital converter; 2-channel 12-bit digital-analog converter; data rate per each channel of up to 5 kHz; 8 digital in/outputs

### IPR Protection

IPR3

### Contact Information

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