

The proposed device for calibrating and testing gas or liquid flow meters contains a measuring chamber, an accumulating chamber, a pump, a control valve, pipelines, an electropneumatic valve, a gas or liquid flow transducer, a pressure transducer, a temperature transducer, and a control unit. As the flow transducer, a strain gage transducer is used that is coupled with a float that is installed in the measuring chamber. The data on the transfer characteristic of the transducer are stored in the control unit. The present invention provides a possibility to extend the functionality range and enhance the accuracy of the device.