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Ultrasonic gas flowmeter ARG-micro

Ultrasonic gas flowmeter ARG-micro (the number in the State Register of Measurement Equipment Units is **U1711-04** in Ukraine, **31799-06** in Russia) is designed to measure the small volumetric flow rate of nonexplosive gases, including those delivered in blocks and the detection device of radiation monitoring systems of nuclear power.

ARG-micro being as the part of radiation monitoring systems complies with the stringent EMC requirements*

Excellent replacement of the rotameters!

Gas flowmeter ARG-micro widely used in radiation monitoring systems at all Ukrainian NPPs (Zaporizhzhya, Rivne, Khmelnytsky, South-Ukrainian), the Chernobyl nuclear power plant.

Specifications

The limits of volumetric measurement, m ³ /h (liters/min):	ARG-micro-0015	ARG-micro-0006
- the minimum (Q_{\min})	0,063 (1)	0,0063 (0,1)
- the maximum (Q_{\max})	6,3 (100)	0,63 (10)



The limit of the permissible relative error for the flowmeter in measuring the volumetric gas flow Q in the working conditions of use does not exceed:

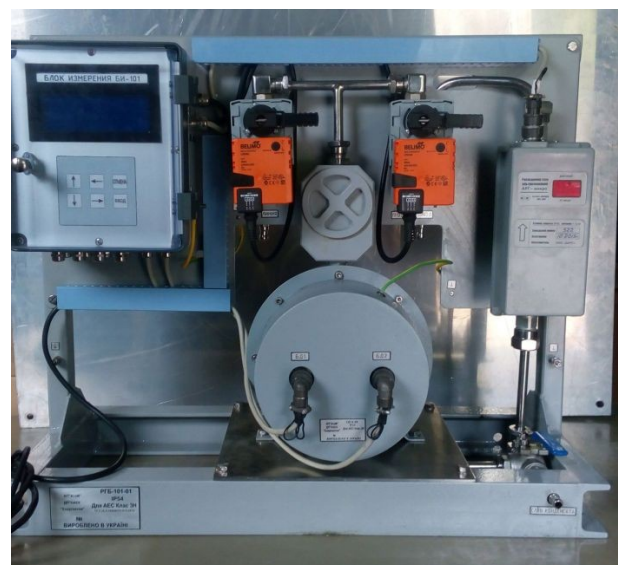
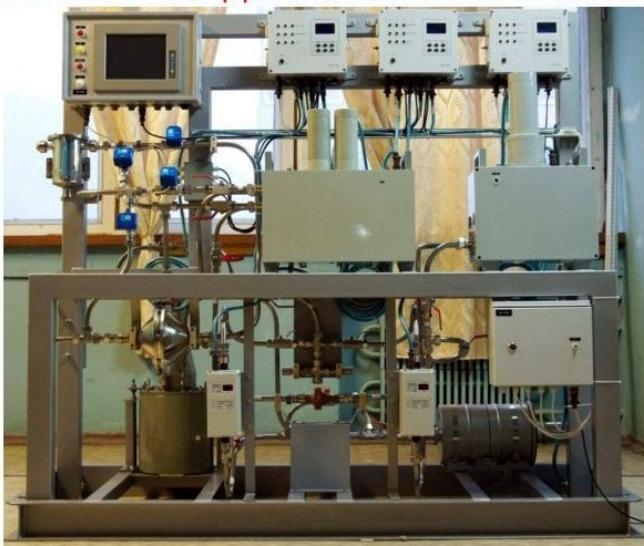
- from $0,1Q_{\max}$ to Q_{\max} : $\pm 1 \%$;
- from Q_{\min} to $0,1Q_{\max}$: $\pm (1 + 5 \cdot Q_{\min} / Q) \%$.

Powered by DC, 12 V (on request - from 5 to 50 V)

Output interfaces: 2-digit display (on request – 4), the infrared port, RS-485, 4-20mA current output (on request)



УСТАНОВКА РАДИОМЕТРИЧЕСКАЯ РКС-11И



* IEC 61000-4-2:2001 class 3, IEC 61000-4-3:2006 class 3, IEC 61000-4-4:2004 class 3, IEC 61000-4-5:2005 class 3, IEC 61000-4-6:2006 class 3, IEC 61000-4-9:2001 class 4, IEC 61000-4-10:2001 class 4 (100 kHz, 1 MHz), IEC 61000-4-12:2006 class 3, IEC 61000-4-18:2011 class 3 (100 kHz, 1 MHz), IEC 61000-4-16:2002 class 3, EN 55022:2010 class A