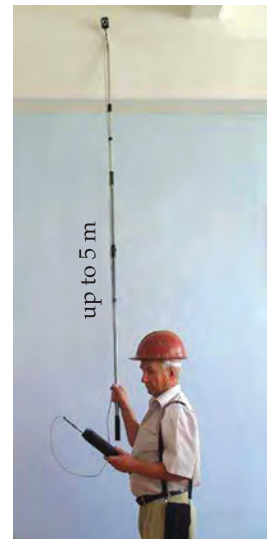


## APR-2 PORTABLE MINE ANEMOMETER



Complete set of APR-2 anemometer (left), measurements at a height of up to 5 meters (on right)

### Areas of Application

The device is to be used for measuring average velocity of air streams in remote places with high content of dust, moisture, and explosive gases, and average weighted velocity and amount of air in mines of all categories, including dangerous ones in terms of gas or dust content, as well as in gas pipelines, tunnels subways, control systems, industrial ventilation systems, degassing systems, etc.

### Specification

Measurement range of air flow speed, m/s	0.15 – 20.0
Absolute measurement error, m/s:	
within the range of 0.15 – 1.20, at most	$\pm(0.03 + 0.02V)$
within the range of from 1.20 to 20.0, at most	$\pm(0.10 + 0.05V)$
Limit flow rate, m/s, at most	50

\* V is measured velocity, m/s

### Stage of Development. Suggestions for Commercialization

IRL9, TRL9

APR-2 anemometers are available for sale, upon request.

Maintenance and repair of anemometers and calibration services as required by the applicable legislation are provided for the whole service life

### Advantages

The APR-2 anemometer parameters exceed those of world counterparts based on the same principle. The device is suitable for use in remote locations at a height of 5 meters from the floor and has a wide measurement range with one primary transducer that is easily replaced and does not require any additional calibration

### IPR Protection

IPR1, IPR3

### Contact Information

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