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MC-13

Portable The cup anemometer MS-13 with a countable mechanism (manual) is to find the average flow rate of air in industrial environments and the wind at meteorological stations.

Description MS-13 portable cup anemometer with a countable mechanism

Vetropriëmnikom the MC-13 is chetyrëhchashechnaya spinner, mounted on the shaft axis and rotating in bearings. At the lower end of the shaft is cut a worm associated with the gearbox, which transmits the movement of three pointing arrows. The dial has a scale units of hundreds and thousands. The worm through the worm wheel and pinion transmits the movement of the central wheel on an axle that is installed hand scale units. Tribe central wheel via an intermediate wheel drives the small wheel on the axis which set the scale of hundreds of hand. From small wheels via the second intermediate wheel rotation is transferred to the second small wheel, the axis of which bears the scale of thousands of arrow. Enable or disable a mechanism is possible by means of detent, one end of which is a curved plate a spring, which is the thrust bearing of the worm wheel. To turn off the counter can catch must be turned clockwise.

Specifications portable (hand-held), cup anemometer MS-13 with a countable mechanism

Characteristics	meaning
Measurement range, m / s	1 - 20
Sensitivity, m / s, not more	0.8
Maximum permissible error (V - measured average air velocity, m / s), no more	± (0,3 + 0,05 V)
Terms of application:	
- Ambient temperature, ° C	-45 to +50
- Relative humidity at a temperature of +15 ° C,%	70
Overall dimensions, mm, no more	170 × 70 × 70
Weight, no more	0.25

Package portable (hand-held), cup anemometer MS-13 with a countable mechanism

Name	amount
The cup anemometer MS-13	1
Passport	1
Case	1

MC-13 device cup anemometer
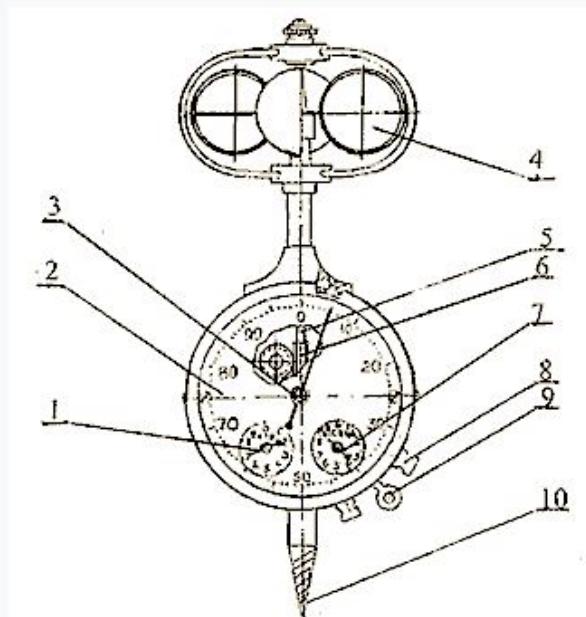
1 - hundreds of hand scale; 2 - the dial; 3 - hand units of the scale; 4 - turntable; 5 - axis; 6 - worm; 7 - hand scale of thousands; 8 - the lugs; 9 - catch; 10 - the screw