

**VERIFICATION PLANT FOR DOMESTIC GAS METERS
PVT_t-EL-G160/G10**



Method of volume recreation is PVT_t and verification of the reference counter is - ЕЛ.
Borders relative error at volume gas recreation is not worse than $\pm 0,33\%$.

The number of gas meters that can be tested simultaneously is 1.

The range of standard on consumption is from 0,1 to 250 m³/hour (range flow expansion is possible downward from 16 dm³/hour and upwards to 400 m³/h).

The operating environment is air (the use of natural gas in the range of flow to 25 (40) m³/hour is possible).

The method of verification is "flying start" and "fixed launch". It is possible to automate the process of gas meters verification completely.

Method of checking the information is automatic (from Reed switch) or visual.

The standard provides the verification of ultrasonic and rotary gas meters in diameter from 32 to 80 mm sizes G160/G10 and membrane gas meters with connecting pipe in diameter from 1 to 2 inch sizes G10 ... G40.

The verification plant provides testing of gas meters for leaks by operating pressure up to 0.3 MPa and operates pressure loss automatically on the gas meters for all flows which are tested.

Standard creates and prints the gas meter verification protocol and keeps gas meter protocol verification for a specific period of time, stores the information for gas meter testing for not less than two least years.

The average life time is 5 years.

The standard dimensions are 1700 x 1700 x 700 mm (no fan).

The standard weight doesn't exceed 270 kg.