

FLOW HEADS

We offer flow heads for continuous measurements in PCV pipelines, into which they are glued in.

- **GXP-1** a head for 1 electrode,
- **GXP-1t** a head for 1 electrode, with temperature sensor,
- **GXP-2** a head for 2 electrodes,
- **GXP-2t** a head for 2 electrodes, with temperature sensor,
- **GPP-1** a head for pH measurements with use of **EPX-1t** electrode,
- **GCP-1t** a head for conductivity measurement, integrated with preamplifier and temperature sensor,
- **GCP-4t** a 4 electrode conductivity head with preamplifier - description on separate catalogue card.
- **GXP-01** a head for measurements in the outflow from the pipeline.

The diameter is adjusted to the pipeline diameter, as standard it is 50 mm.

In case of steel pipelines we offer a special electrode equipment mounted in a thread welded into the pipeline according to our instructions.

Electrodes or cells are mounted vertically, sealed with a gland or screwed into the head.

Depending on model of the meter cooperating with the head, it may be necessary to apply a preamplifier built in or in the close proximity of the head.

The **GPP-1** is designed for cooperation with **EPX-1t** screwed-in pH electrode for measurements in contaminated liquids. The electrode has a built-in temperature sensor. Teflon junction, flat membrane and 3/4" thread. The maximal liquid's pressure up to 6 bar.



GCP-1t head has a built in conductivity cell integrated with preamplifier and it cooperates exclusively with the 800 series controllers.

GXP-1t head with electrode for ultra pure water **GPP-1** head with **EPX-1t** electrode

In case of high pressure exceeding the electrode's endurance, it is advised to use **GXP-01** head connected by a valve with a pipeline. Minimal amount of the measured liquid is directed beyond the pipeline through the valve and after measurement it flows out to the sewage.

The electrode or cell built in the head require periodical cleaning and calibration. In such case it is necessary to temporarily close the flow of the measured liquid.

The selection of electrodes and meter depends on many factors affecting the measurement. Before preparation of the offer it is necessary to contact us by email and next fill in the received questionnaire about the user's requirements and working conditions.

There is possibility of wireless connection of the head with the measuring instrument.



***GXP-01** head*



***GCP-1t** head*



The equipment of the head for mounting in the steel pipeline