



Kirchner und Tochter

INSTALLATION AND OPERATING INSTRUCTIONS

Typ SGK 1-3

1. Installation

The flow meter SGK1 - 3 consists of a U-shaped guide rail in which the conical glass tube is installed. The two connecting heads are fixed. On demand one of the end pieces is equipped with a control needle valve. The direction of flow is upward. Inlet and outlet are horizontal but can also be vertical.

Before installation the two free line ends must be fitted with the relevant screw connections. Care must be taken that the contact surfaces are arranged at the correct distance and that the feed and return lines are correctly aligned.

Soft flat rubber and/or Viton gaskets should be used. Alternatively, screwed connections can be sealed with hemp or a sealing compound. In the later case excessive tightening of the connecting nuts is not required and should be avoided. The measuring instrument can thus be installed free from torsion.

2. Indication

The flow data are indicated by the upper edge of the float and are engraved into the measuring cylinder. The indicated value is correct only if the operating conditions vary, the values require adjustment. This can be done with a little program installed on our homepage www.kt-web.de [phys. Datas].

3. Cleaning

In order to clean the instrument it should be dismantled by loosening the screwed connections. The measuring glass must also be dismantled. After loosening the two hexagonal nuts at the back, the two heads and the measuring glass are pulled out towards the front and off the rail. Following this, the two heads at the top and bottom are removed and the glass can be cleaned.

During reassembly a check should be made for possible damage to the O-rings. If necessary they should be renewed immediately.