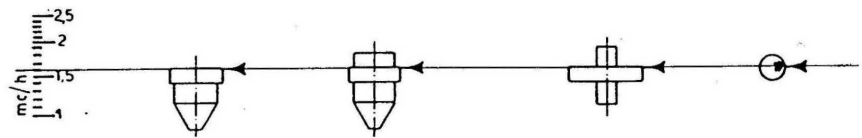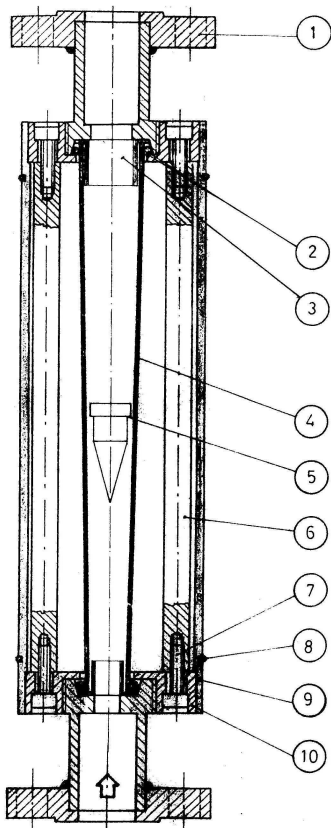# OFFICINE OROBICHE S.p.A.

INSTRUCTIONS FOR USE AND MAINTENANCE FLOWMETER
SERIE 500 Flanged and threaded with free float

The instrument must be mounted in vertical position with the flow direction upwards.
Before fixing the instrument to the pipe it should be assured that the rod which bolcks the float (5) (during the trasport) has been removed and that the flow is free to move along the entire scale.When starting the installation, much attention should be paid to the fact that the working flow is reached slowly and gradually since a sudden increase of the flow might cause sensible pressure variations in the pipe with such peaks to cause the breakage of the glass tube (4).
In working conditions, the float (5) stabilizes in well determined position of the glass tube (4) and the reading of the flow has to be carried out where the diameter of the float is biggest, as indicated in the example herebelow, where all float give a flow of 1,6 mc/h

1) CONNECTIONS FLANGED
2) GASKET
3) STOPPER
4) GLASS TUBE
5) FLOAT
6) SUPPORTING STRUT
7) SCREW
8) RING
9) PROTECTION
10) FLANGE

Disassembly of the instrument

a) Remove the ring (8) and the protection (9) if it there is;
b) Unscrew the connections to process (1) and remove the stopper (3);
c) Extract the float (5);
d) Remove the gasket (2) and the glass tube (4).

For a correct mesaurements of the flow it necessary to keep the instrument alwais perfectly clean, removing deposits and foulings with particular care inside the glass tube, (4), the float (5).
For the re-assembling of the instrument, do same operations given as for the disassembly, but in opposite sequence.

Scrapping

Once the instruments have reached the end of their working life, they should be sent for scrapping in accordance with prevailing regulations.
When disposing of these, pay special attention to the rubber used in their construction.
Metal components may be recycled after removing the gaskets, special coverings as requested by the customer or other plastic components.

N.B. IN CASES WHEN THE INSTRUMENTS ARE MEANT TO BE USED IN AREAS FEATURING POTENTIALLY EXPLOSIVE ATHMOSPHERES, THE USER SHALL COMPLY WITH THE **ADDITIONAL SAFETY INSTRUCTIONS** ATTACHED TO THE STANDARD ONES.

24010 Ponteranica (Bergamo) ITALY - via Serena, 10 - Tel. 0039/035/4530211 - Fax 0039/035/570546 - www.officineorobiche.it-e-mail:info@officineorobiche.it

JULY 05   Under reserve of modifications   IST/082-I