



How to clean the inner part of water flowmeter?

It could happen, especially with test benches that have been running for years, that the water flow rate is very reduced or unstable because incrustations of limestone have formed inside the flowmeter body (see an example in the picture).



For your understanding water flow meters that we commonly use are composed by two parts:

- the actual transducer, called MAG1100, that is the lower part, the one where water flows;
- an electronic converter, named MAG5000 or MAG6000, which manages the conversion of the measuring signal.

Therefore we need to focus our cleaning operations on the inner part of the MAG1100 unit.

For your information, the manufacturer of these flowmeters, Siemens, does not clean/repair them, being uneconomical from their point of view.

In order to remove the stratification we suggest to uninstall the flowmeters from the test bench (do not remove the related flanges).

Clean the inside part with water and a brush, like those usually used to clean bottles (you can find in stores), the picture shows an example. Brushes with metal bristles are not suitable because they could damage the sensors inside the flowmeter.

Do not remove flanges and related gaskets from the instrument, so you will not risk to damage the liner of the instrument.

