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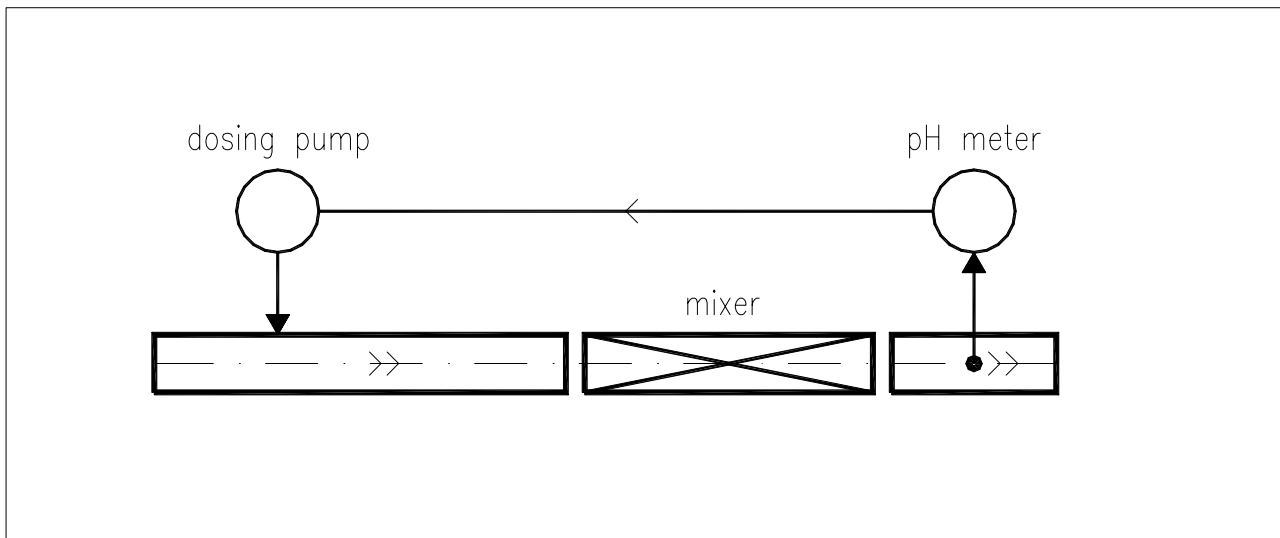
MIXER APPLICATION SHEET no. 1:

pH control and adjustment

All plant users are well aware of how important is to accurately monitor pH values when the latter is a basic parameter in the production process. pH control is typically carried out by means of a probe which monitors at one and only point of the tube after either acid or base input into the main solution. According to the monitored value, the probe gives an input to the dosing pump to release more or less reactant.

Useless to remark the importance of having a signal representing the whole flow section, so as to have an accurate and precise dosage. Furthermore, the signal must be stable.

All the above conditions are met by installing a **Pittaluga Static Mixer** as drafted hereunder.



Pittaluga Static Mixer features:

- ✓ No moving parts
- ✓ Outstanding mixing power in short spaces
- ✓ Extremely limited pressure loss: below 0.1 bar for water at 1 m/s
- ✓ Excellent mixing performance even in wide throughput ranges
- ✓ Made of either carbon steel, stainless steel or various plastic materials