

Static mixer reactor

Background

We have received a high-tech static mixing reactor as it is used in the specialty polymer and pharmaceutical industry. The reactor is equipped with a high-tech measurement device to acquire eight temperature along the axis of the reactor using a single optical fibre. The measurement technology is laser based.

Description

The rig with the reactor and pumps has been build some time ago and the sensor has been tested. Main objective is to get the overall rig in operation. It involves some work on the rig, as we have used some of the components in the felles lab as replacements and the measurement has to be inserted. Main task would be to get the software together using our existing interface library and the additional Application User Interface library for the temperature measurement.

Supervision

Supervisor: Heinz A Preisig
Daily contact: Sigve Karolius

Reserved: No