

Product Name :
Process Vessel Accessory

Product Code :
NLAB-TECHNICALAB33005

Description :

Process Vessel Accessory

Technical Specification :

The addition of the process vessel allows more complex process control problems to be addressed, including remote set point demonstrations.

Again these all take place with the repeatability advantages that electronic and software control brings.

Single loops in combination:

Conductivity control of reactor contents by varying flow-rate of one component

Temperature control of reactor contents by varying heating fluid

Temperature control of reactor contents by varying heating fluid flow-rate

Temperature control of heating fluid by varying heater power

Remote setpoint control:

Ratio control of two flows (Fig 1)

Cascade control of conductivity and flow (Fig 2)

Feedforward control of flow to flow

Feedforward control of flow combined with feedback control of conductivity

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