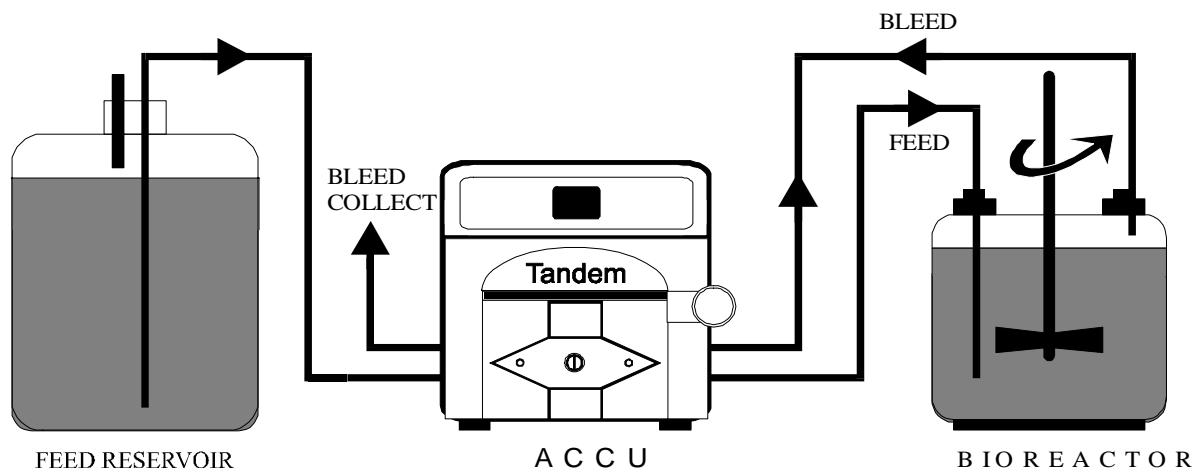


Simple Control of Bioreactor Feeds

SUMMARY:

For simple applications where programmable control of bioreactors is unnecessary, SciLog offers an economically attractive alternative with its ACCU™ pump. The ACCU offers volumetric, high precision pumping by utilizing the same optically encoded servo-controlled pump motor technology found in the ChemTec and all other SciLog Intelligent Systems. By utilizing both channels of the Tandem Peristaltic head, Feed and Bleed operations are simplified as the channels pump in opposite directions by design.



The ACCU is controlled Locally via the front panel with simple up/down buttons over the range of 5-99% of the motor speed. The ACCU can be remotely started and stopped with a contact closure (On/Off control). Additionally, the ACCU pump can be proportionally controlled in Remote with either a 0-5 VDC, a 4-20 mA, or a serial RS232 input signal. The ACCU provides reliable, digitally controlled pumping at a surprisingly low price.

Several types of Pump Heads are available, the Tandem Peristaltic Head, which maintains sterility, Piston heads with variable stroke lengths, and Magnetic Gear heads that provide pulse-less flow, and are ideal for organic solvents.

If more sophisticated programming and/or metering by mass-flow is desired, the ChemTec is the answer. The ChemTec is also equipped with pressure monitoring capability and user definable alarms.

ORDERING INFORMATION: **SciLog Customer Service: 1-800-955-1993**

P/N	DESCRIPTION:
100-018-8	ACC U CP-8 with Tandem 1081 Pump Head; 8RPM motor; 35 psi max.; pump rate from 0.02 ml/min to 32 ml/min.
100-0182	ACC U CP-10 with Tandem 1081 Pump Head; 160RPM motor; 35 psi max.; Pump rate from 0.3 ml/min to 650 ml/min.
100-0282	ACC U CP-20 with Tandem 1082 Pump Head; 600 RPM motor; 35 psi max.; Pump rate from 1 ml/min to 2000 ml/min.

Many motor / head combinations are available, contact SciLog with your specific needs.

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