

## Appendix C. Isco® 6712 Portable Sampler Program for “Baseline” Pump Operation

The programming details described here are for an Isco® 6712 Portable Sampler with the Extended Programming feature. The program is designed to pump 108 L every 90 minutes, which is the same rate as two parallel centrifuges each operating at 600 mL/min. Start the pump program, which pumps for about 25 minutes of every 90 minutes, when the 110-L basin contains no more than 70 L to avoid overfilling and no less than 40 L to avoid the settling basin being pumped empty.

- Power on Portable Sampler
- **Main screen:** Select “Program”
- **Program screen:** Select program to edit
  - **Units selected:** Length: ft
  - **Data interval:** (select data interval, such as 15 min)
  - **Sampling details:**
    - 12; 9,000 mL BTLS (for 110 L settling basin)
    - 99 ft suction line (select appropriate suction line length)
    - Auto suction head
    - 1 rinse, 1 retry (select number of desired rinses and retries, each from 0 to 3)
  - **One-part program**
  - **Pacing:** (arrow up to edit)
    - Uniform time paced
    - Time between sample events: 1 hours, 30 minutes
  - **Distribution:**
    - 12 bottles per sample event
    - Run continuously? YES
  - **Volume:**
    - Do you want sample volumes dependent on flow? NO
    - 9,000 mL
  - **Enable:** None programmed
    - Enter past Enable options
    - Enable: countdown continues while disabled
    - Enable: 0 Pause & Resumes
  - **No delay to start**
  - **Programming complete. Run this program now? YES**