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miniAV viscometer Installation Guide

Purpose THANK YOU for your purchase of the **miniAV** automatic viscometer from CANNON Instrument Company. This guide is designed to provide information about the installation of the miniAV. All *page numbers* referenced in these instructions are from the *miniAV Instruction & Operation Manual*.

1. Unpack the miniAV viscometer

Remove all components from the shipping container(s).

CAUTION Do NOT lift the miniAV instrument by the modular side panels ("ears"). Always support the weight of the unit from the BASE.



- Remove all packing materials from the components.
- Verify reception of shipped materials by comparing equipment items with packing/parts list(s). Report missing items to Cannon Instrument Company immediately.
- Inspect each component for signs of damage. Report damages to the shipper and Cannon Instrument Company immediately.
- Retain all packing materials until the instrument is connected and functioning properly.
- If any component(s) must be returned to Cannon Instrument Company, the damaged item(s) should be packaged in the original shipping container. Refer to the final page of this guide for instructions on returning defective equipment. Customers outside the United States should contact the local Cannon dealer for procedures on returning products to Cannon.
- Review operator safety information on pages 2-4 of the *miniAV Instruction & Operation Manual*
- Verify electrical specifications for Mains on page 4 of the *miniAV Instruction & Operation Manual*.

2. Connect tubing and cables as indicated in the image. Cut tubing to length as necessary.

3. Fill bath vessel to the fill line with silicone fluid.

4. Install VISCPRO Software on the controlling PC using the installation CD or thumb drive.

5. Supply power to the miniAV instrument.

6. Load VISCPRO software.

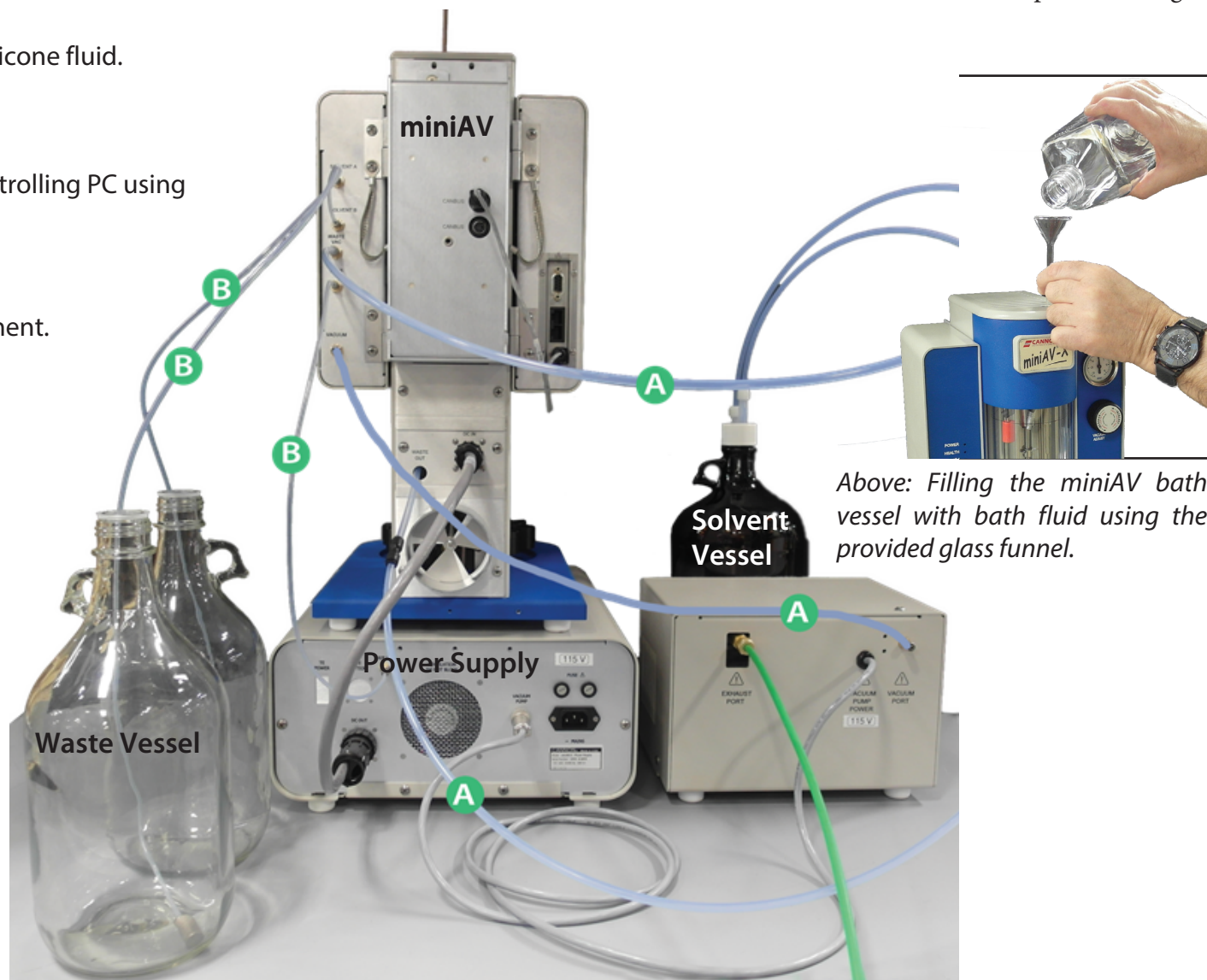
7. Set the desired control temperature.

8. Calibrate the instrument per manual instructions or confirm calibration data included with your installation CD.

9. Enter sample ID information into VISCPRO and begin running samples.

Tubing Detail

A = 6 mm transparent tubing
B = 1/8" transparent tubing



Above: Filling the miniAV bath vessel with bath fluid using the provided glass funnel.