

# CHEMINSTRUMENTS

## EZ COATER

### MODEL EC-200

# OPERATING INSTRUCTIONS

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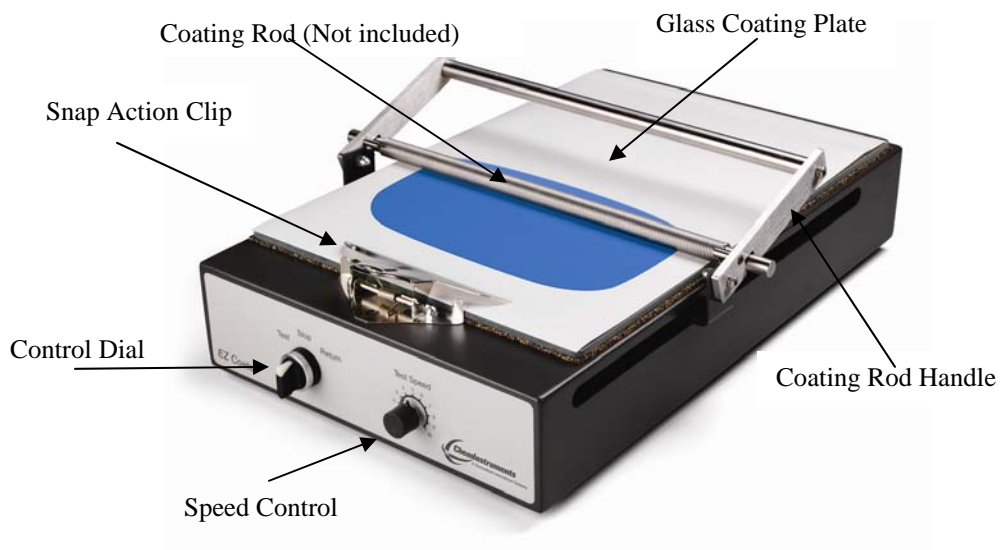
## PRODUCT DESCRIPTION

The EZ Coater is designed to make consistent, trouble free, wire wound bar drawdowns for proofing inks and coatings. ChemInstruments has made every effort to ensure that the EZ Coater arrives at your location without damage. Carefully unpack the instrument and check for any damage that might have occurred during shipment. If any damage did occur during transit, notify the **carrier** immediately. This document will cover the basics of the machine operation. Please call if there are questions that are not covered in this short paper.

## UNPACKING

As the machine is unpacked, please verify that the following parts have been included with the shipment. Please call immediately to inform us if we have deleted any parts.

- EZ Coater Machine (1 piece)
- Glass Top (1 piece)
- Power Cord (1 piece)
- Drawdown Rods per customer request
- Foamsheet (1 piece)



Picture 1 – EC-200

# INSTALLATION

The installation of this device is as follows.

- The unit should be set on a flat, level surface.
- The leveling feet can be adjusted to level the unit.
- The Glass Top should be unpacked and placed on the top of the coater.
- Raise the Snap Action Clip to place the glass under the clip.
- Place foam on top glass and under clip if needed.
- Plug the Power Cord into the power entry on the end of the machine.
- Turn the power switch on.
- Check the motion of the unit by switching the control dial from Test to Stop to Return.
- The speed adjust knob will need to be adjusted for the test speed.
- The reverse speed is not adjustable.

# OPERATION

At this point the machine is ready for use. The following procedure describes normal operation for making a wire rod coating.

- Simply turn the control knob to Return and allow the coating head to return to the rear position.
- Insert a piece of substrate to be coated under the Snap Action Clip.
- Install a Drawdown Rod into the rod holders and bring the Rod in contact with the substrate.
- Pour a small puddle of coating in front of the Rod.
- Turn the speed knob to a desired setting and turn the control knob to Test. The Rod will coat the substrate and stop at the end of the stroke.
- Lift the Coating Rod Handle and remove the Rod, and then remove the coated substrate. Return the Coating Handle to the rear position by turning the Control knob to return. The unit is ready for another sample.
- Make sure to clean your coating rod before using it again.



**" Warning! Operating temperature for this equipment is 0 to 70 Celsius. The equipment needs to be completely free of condensation inside and out, before applying power."**