

Controls Ltd.

## CVS Controls Sample Heater

### Introduction

The CVS Controls Sample Heater is a hot water bath used for heating samples. It will accept various sizes, quantities and tube configurations, including:

- Pear Shaped Tubes
- Short Cone Tubes
- Long Cone Tubes
- Sample Jars
- Graduated Cylinders
- Stainless Steel Construction
- Easily Maintained
- Sample Heat Temperature Range is 10<sup>0</sup>C to 100<sup>0</sup>C



Other configurations include an S-Chamber that will pre-heat a quantity of product used for cutting samples, and clean up purposes.

The CVS Sample Heater is QPS\* Field Certified at our Manufacturing Facility for:

- Class 1, Group C and D hazardous locations
- 120 Vac, 60Hz, 750/1000 Watts
- Also available in 240 Vac

\*QPS, like CSA, is accredited by the Standards Council of Canada

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## CVS Sample Heater Operating Instructions

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- The CVS Sample Heater must have a certified Electrician connect at the Junction Box provided.
  - Fill with fluid to desired depth. NOTE: Fluid level must exceed the height of the level switch (Any depth above the removable floor). The level switch protects the heating element from operating with no fluid.
  - With the Electrical Circuit de-energized, remove the cover of the immersion heater (located next to the level switch) to adjust the temperature to the desired setting.
  - Replace the Immersion Heater Cover, and then energize the electrical circuit.
  - Periodic temperature checks with a certified thermometer, will assure the sample heater box is functioning properly. Any significant drop or rise in temperature will indicate there is a problem.
  - Please Contact a CVS Sales Representative with any questions.
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### Tubes and Shields

**Model 45170**

12.5ml Finger Tube, made to API Standards

**Model 45244-100**

100ml Pear Shaped tube, made to API standards

**Model 45244-200**

200% Pear Shaped Tube, made to API Standards

**Model 45243-100**

100ml Short Cone tube, made to API Standards

**Model 45243-200**

200% Short Cone Tube, made to API Standard

