

# MVP THERMOCOUPLE PROBES

SP Scientific's VirTis® MVP Probe System allows placement of a product thermocouple in a vial accurately and with repeatability, while providing limited thermal path to your product. The vapor flow allowed by the special stopper replicates the vapor path of a standard split stopper. These thermocouple and positioners can be configured to meet your specific needs and are sized to fit vials from 2 ml to 125 ml, with 13mm or 20mm necks.



## EASY TO POSITION!

### Plug

- \* Type T plug interchangeable with probes currently in use on your SP Scientific Freeze Dryer
- \* Easily replaces competitors' difficult to use and expensive probes

### Wire Jacket

- \* Special tubing prevents kinking and straining of wire if door is opened or closed against it
- \* Reduces time spent replacing broken wires.

### Thermocouple Guide Tube

- \* Made of 316 stainless steel, precision cut and ground, with radiused ends for ease of insertion

### Thermocouple Probe

- \* 30 gauge wire for limited thermal path and ease of use and stability of your vials
- \* Probes offered with 3 foot (910mm) wire length for ease of use with lab/research freeze dryers

### Elastomer Stopper

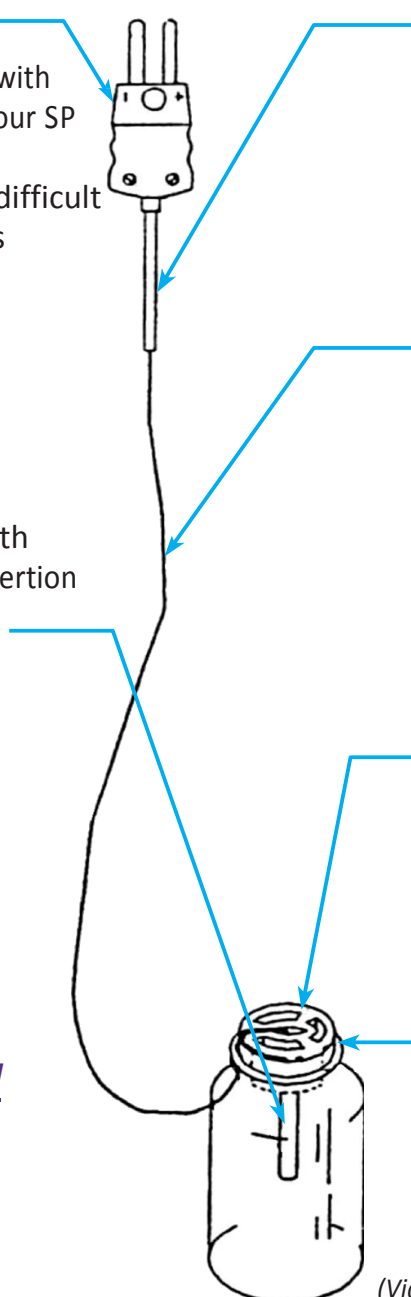
- \* Choice of 20mm or 13mm
- \* Made of silicone rubber
- \* Special top groove keeps the wire held in position

### Silicone Rubber O-Ring

- \* Keeps thermocouple wire firmly in place

## ORDERING INFORMATION

- MVP-13 (13mm stopper)
- MVP-20 (20mm stopper)



*(Vials supplied separately)*