Directions for using WD-5 Mason's Hanging Hygrometer

This instrument measures wet and dry bulb temperatures to give a calculated relative humidity measurement.

1. Fill the reservoir with water and ensure that the wick is wet.
2. Note and record the Dry bulb reading (left hand bulb).
3. Note and record the Wet bulb temperature (right hand bulb).
4. Subtract the Wet bulb reading from the Dry bulb reading to find the difference between the two temperatures. (Known as the Wet bulb Depression).
5. Using the hygrometer chart enclosed, read the chart where dry bulb temperature and wet bulb depression coincide to read the relative humidity at that point.

Example: Dry bulb temperature = 26°C Wet bulb temperature = 22.5°C
Therefore, the difference between the two temperatures (known as the Wet bulb Depression) is 3.5°C. By reading the dry bulb temperature in the far left column of the chart, 26°C, and going across and finding the 3.5°C column, you will see that the Relative Humidity is 73%.

Note: Whilst the calculation chart is plasticised to offer long usage, there is also a chart printed on the box that the WD-5 came in. We strongly suggest that the customer retains this as a backup copy.