

Testing Equipment

ASCO CO₂ Dew Point Tester

part no. 4046255



The **ASCO** CO₂ Dew Point Tester reliably indicates the dew point (moisture content) of your CO₂.

This equipment makes it easy to measure the dew point of liquid and gaseous CO₂. A laminated, illustrated step-by-step short instruction sheet in A3 format and a detailed instruction manual are supplied with each tester. The **ASCO** CO₂ Dew Point Tester (stainless steel) can be used either wall-mounted or free-standing.

Advantages of a CO₂ Dew Point Tester:

- easy handling
- no calibration required
- ready for immediate use
- for gaseous and liquid CO₂

Step 1	Step 2	Step 3	Step 4	Step 5	
Put CO ₂ dew point tester in clean and close both indicated valves ("Vent" and "Flow").	Connect the supplied hose to your liquid or gaseous CO ₂ source and to the inlet of the dew point tester. Max. allowed inlet pressure is 25 bar (350 psi)!	Fill with 90 ml of acetone or methylated spirit in the measuring tube. Level can be checked with the mark on the thermometer.	Put the thermometer into the measuring tube as shown.	Slowly open the valve of your CO ₂ source and immediately thereafter, slowly open the CO ₂ control valve but.....	
Step 6	Step 7	Step 8	Step 9	Step 10	Step 11
.....control and adjust the CO ₂ flow so that the ball is floating in the flow indicator tube. Thoroughly purge the dew point tester with CO ₂ for approx. 15 minutes to get rid of any remaining humidity in the dew point tester!	Produce dry ice snow by slowly releasing some liquid CO ₂ into the bag supplied, or use small pieces of dry ice pieces if available.	Add small pieces of dry ice into the measuring tube and.....ste' from time to time with the thermometer. Observe the increasing temperature continuously. Slowly and further dry ice into the tube, until.....	The measuring tube starts to show fine condensation of mist. At that moment, record the temperature shown on the thermometer. This is the dew point of your CO ₂ . Then wait until all condensation has disappeared and perform a second test.	After testing, close the valve of the CO ₂ source and then slowly open the "Vent" valve to release all CO ₂ .
<p>CAUTION</p> <p>While handling with dry ice avoid direct contact with eyes and skin (wear protective glasses and gloves). Walk only in well-ventilated rooms. There is a danger of fire during operation with alcohol, methylated spirit or acetone.</p>					

Easy step by step instruction

ASCO CO₂ Dew Point Tester: Standard scope of supply

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Complete kit comprises:

- complete dew point tester
- thermometer
- pair of protective gloves
- protective glasses
- dry ice snow bag
- high pressure hose

