DL 2150 system

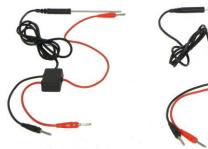
DL 2150-TD

Kit of components for the study of thermodynamics

Composed of:

- Temperature probe (2 off)
- Gas pressure sensor
- 20ml syringe
- Graduated cylinder, 100 ml
- Erlenmeyer, 100 ml
- Glass, 400 ml
- Glass, 250 ml
- Test tube
- Glass stirring rod
- Calorimeter cover glasses
- Tapered valve connectors (3 off)
- Two-way valve
- Luer-lock connectors connected to either end of a piece of plastic tubing (2 off)
- Transpiration tubing clamps (2 off)
- Asbestos mat
- Mop cloth for insulation
- Gas hot plate
- Articles of iron, aluminum, brass
- Sodium thiosulfate (10g half a tube)

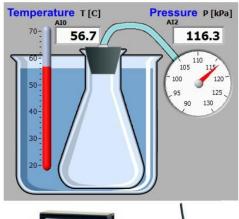






List of experiments:

- 1. Boyle-Mariotte law
- 2. Charles's law
- 3. Heat balance
- 4. Newton's law of cooling
- 5. Heat capacity of the calorimeter
- 6. Compound fluid temperature
- 7. Specific heat capacity of solids
- 8. Determination of solids temperature by calorimeter
- 9. Determination of the heat of vaporization of water
- 10. Melting and crystallization





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