

Physics 223

Experiment 3: Latent Heat of Fusion

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During the early development of Thermodynamics, it was assumed that there was a substance called *caloric* which passed out of a hot object into a cold one when the two were in contact. At the dawn of the 19th Century, Benjamin Thompson (who later became Count Rumford) conjectured that the agent involved was energy, the same as in motion. In this experiment, you will