

Capillary Flow Experiment-2 (CFE) Vane Gap-1 operated on ISS

The CFE Van Gap-1 (VG-1) module was operated for a fourth time by Increment 25 astronaut Scott Kelly on Wednesday, December 8, 2010. Scott completed an additional science test operation, which captured the six critical angles of quadrants 3 and 4 in the vessel to $\pm 0.5^\circ$. The Vane Gap-1 unit is a re-flight unit from the CFE-1 set of experiments. It differs from the original VG1 in that it contains a perforated vane instead of a solid vane.

Scott performed the ISS operations for the CFE-2 VG1 unit with real-time video down-linked to the CFE team in the Telescience Support Center (TSC) in Bldg 333. The PI Mark Weislogel (Portland State University) and his team tied in by telecon. (POC: RET/Robert D. Green and MAH/Robert W. Hawersaat)