
REMOTE VIDEO OF BATTERY TESTS

Several EV battery test standards being developed require or suggest that the battery be videoed in addition to the other measurements being made. Physical effects such as deformation or smoking can be transient and only evident under loads. Remote video recording provides for constant monitoring as batteries are subjected to a full range of performance and calorimetric tests.

Remote viewing probes have been developed and integrated into digital cameras which allow the inside of the BTC chamber to be viewed through one of the side ports. Video camera output is integrated into the control software of HEL calorimeters and this can be viewed in real time as an experiment is running, alongside temperature and pressure data (on the same graphical window). The video output has excellent resolution and can also be recorded for later viewing.

IMAGE OF BATTERY IN PRESSURE VESSEL CAPTURED THROUGH GLASS WINDOW

