

DCT Validator

Key Benefits:

- **Calibration confidence**
- **Verification takes one minute**
- **Assures two machines measure the same energy**
- **Designed to fit any DCT machine**



DCT Validator in the grips

DCT Validator has a known energy

The DCT Validator verifies that your DCT machine measures the same energy that another machine measures. This is critical for contractors to match the state agency or any other DCT test results.

Calibration Confidence

The DCT Validator is the perfect way to verify that your DCT calibration has not changed. Gauge points are mounted on the DCT Validator to verify your CMOD calibration. Once this is done the energy results tell you if your load cell is off and the percentage of error your energy is actually off.

Designed to fit any DCT

The DCT Validator is a patent pending fixture that fits right into any DCT and accepts any CMOD gauge. It mounts into the DCT fixture. The test only takes one minute to run. The Testquip DCT produces immediate energy results available as a printout. A spreadsheet is provided for other DCT's to calculate the energy.

How the DCT Validator works

The DCT Validator is an elastic material that deflects the same amount every time it is stretched from 2KN of force. It was designed with finite element analysis to deflect about half of a test's deflection at half of the load. The operator mounts the DCT Validator and starts the test just like a specimen. When the test reaches 2KN it is stopped automatically on a Testquip DCT with results immediate or manually in other DCT machine and results available from the provided spreadsheet.

