

Test Value Static™ (TVS™)

Tracking your motor assets from “cradle to grave”; whether it’s routine maintenance, rewind or replacement, TVS™ keeps an eye on your motor assets and creates a culture of “Can Do!” that is easy to adopt at any facility where motors are present.

Any changes in the condition of the winding insulation or the rotor occur, it will be reflected in the TVS™. A technological advantage of implementing and using TVS™ is that it eliminates errors caused by inductance unbalances that can occur due to the position of a squirrel cage rotor. TVS™ is independent of rotor position. **ATP has the only motor testing tools (instruments) in the world that provide a TVS value.**



TVS™ Baseline



TVS™ From Controller

- TVS starts with either a baseline or an incoming inspection test on spare and replacement motors.
- The secondary and following TVS tests should be taken after the equipment is installed from the output controller or any easily accessible point. Subsequent readings should be taken from the same location and should be compared with the installed TVS value.
- Should the remote TVS value indicate an issue, another test direct from the motor should be taken. If the motor tests good, we know it's the cabling to the control. If the motor is bad, generally we know the motor is bad and the cabling is good. Both could be bad, but it is rare.