L&S Electric’s profiling solution for commutators and slip rings offers a definitive view of the out-of-round aspect of your equipment with a resolution of 0.00005”.

When a motor has commutator issues, profiling is an important and powerful tool to identify the causes and determine necessary repairs.

Profile Benefits

- Measure and ensure motor recondition quality to specifications
- Measure and graph commutator surface on motor in service to identify causes of commutator problems, such as:
  - Load pulsations
  - Drive issues
  - Stalling
  - Loose commutator bars
  - Improperly set neutral
  - Winding failure
  - Mechanical vibrations
  - Bad bearing fits caused by looseness in housing, shaft, or excessive sleeve bearing clearance
- Measure slip rings on synchronous motor or generator
- Measure and graph the surface of a roll
- Measures to 0.00005”