

High Speed Series Slip Ring Assemblies

- 45 and 60 slip ring connections
- 4000 RPM
- Instrumentation quality rings and brushes
- Rugged stainless steel construction
- Permanently lubricated bearings
- Sealed against dust

Michigan Scientific's *SR60A-AXHS* and *SR45A-AXHS* slip rings are used for a variety of applications requiring a substantial number of circuit connections. They are designed to mount on the end of a rotating shaft and make electrical connections to strain gages, thermocouples, or other sensors that have been installed on rotating equipment. The slip ring brushes and rings are made of wrought precious metals – no platings are used - which minimizes electrical noise and enables these assemblies to be used for low level instrumentation signals.



Connections to the slip ring assemblies are made through circular connectors located on the slip ring rotor and stator. Permanently lubricated bearings eliminate the need for routine cleaning and maintenance. These slip rings are ideal for use in instrumentation applications where a substantial number of electrical connections are required.

	SR45A-AXHS	SR60A-AXHS
Circuits	45	60
Current Capacity per Circuit	250mA	250mA
Temperature Range*	-40°F to 250°F (-40°C to 121°C)	-40°F to 250°F (-40°C to 121°C)
RPM Rating	4000	4000
Maximum Peak Noise**	.1 Ω	.1 Ω
Weight (approx.)	1.75 lbs (794g)	2 lbs (907g)
Length "A" (see back)	7.150 (181.61)	8.000 (203.20)

** Resistance variation across slip ring contact.

