

Pre-programmed with parameters recommended by Mersen's experts

# SJ210M ROUGHNESS METER

Portable surface roughness tester for commutators & slip rings



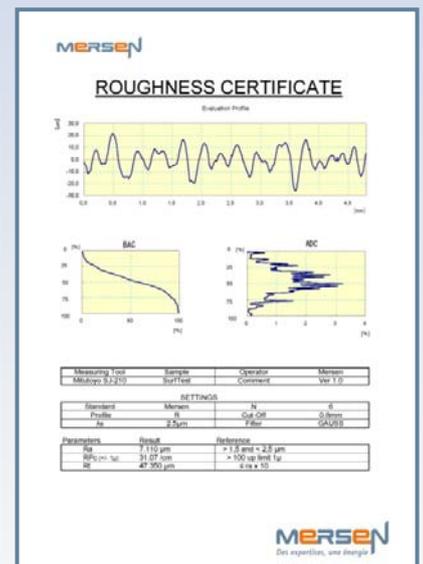
MAINTENANCE TOOLS & MEASURING DEVICES



To establish the so important brush film or patina on collectors the correct surface roughness plays a vital role. This is all the more important as the speed at the contact surface increases.

With time, the friction of the brushes will slowly reduce the surface roughness. If it is too low, it can result in brush vibration or chatter, reduced electrical contact and increased brush wear, etc.

Surface roughness can easily be reestablished by simple hand stoning with abrasive stones.



# SJ210M Roughness Meter

Looking for a simple and efficient roughness tester?

The SJ210M set comes in a soft carrying case with shoulder strap for field use, including:

- ✓ SJ210M main unit
- ✓ Drive used for axial and tangential measurements
- ✓ Stylus
- ✓ Software for the PC to manage your measurements
- ✓ Calibration specimen + instructions
- ✓ Simplified Mersen User's manual + Mitutoyo User's manual
- ✓ Memory card (as an option)
- ✓ Nosepiece for cylindrical surface slip rings (as an option)

## ▪ Practical and useful

- Large backlit 2.4 inch colour display
- Axial and tangential measuring on cylindrical profiles
- No additional drive needed for slip ring roughness measurement

## ▪ Smart

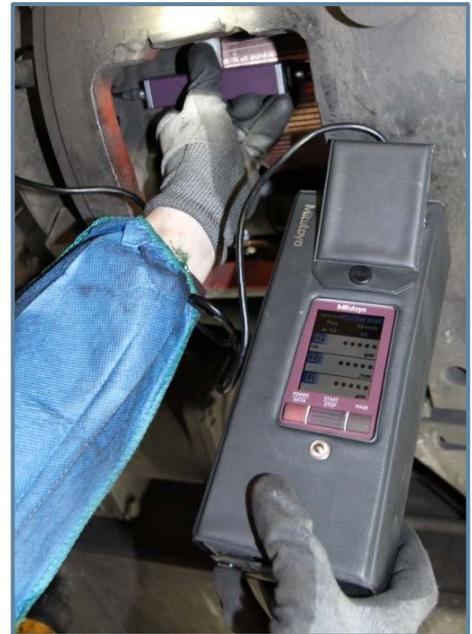
- Easy selection of the length of travel
- Pre-programmed and ready for use

## ▪ Connectivity

- Large memory with optional mini SDHC memory card (holds 10,000 measurements)
- USB cable to connect to PC

## ▪ Universal

- Supports 16 languages



Axial measurement with the SJ210M in its carrying case



Tangential measurement

## A GLOBAL PLAYER

Mersen is a Global Expert in electrical specialties and graphite-based materials.

Do not hesitate and contact us to find out more about our other maintenance tools and measuring devices. Mersen can also provide you with various types of technical training and motor maintenance services.

Contact: [infos.amiens@mersen.com](mailto:infos.amiens@mersen.com)

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