

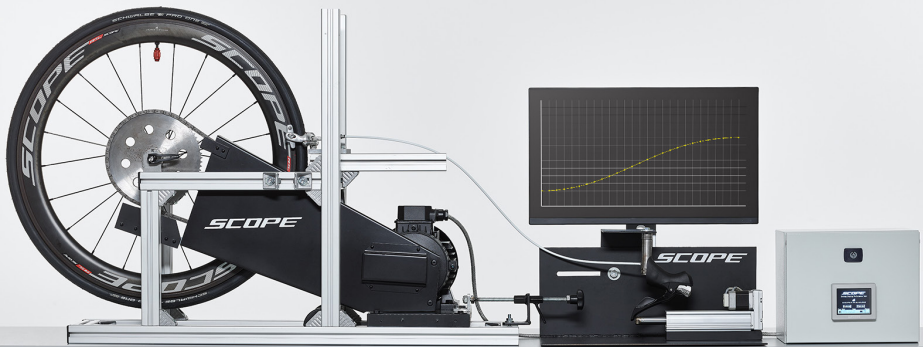
BRAKE PERFORMANCE

Heat Resistance

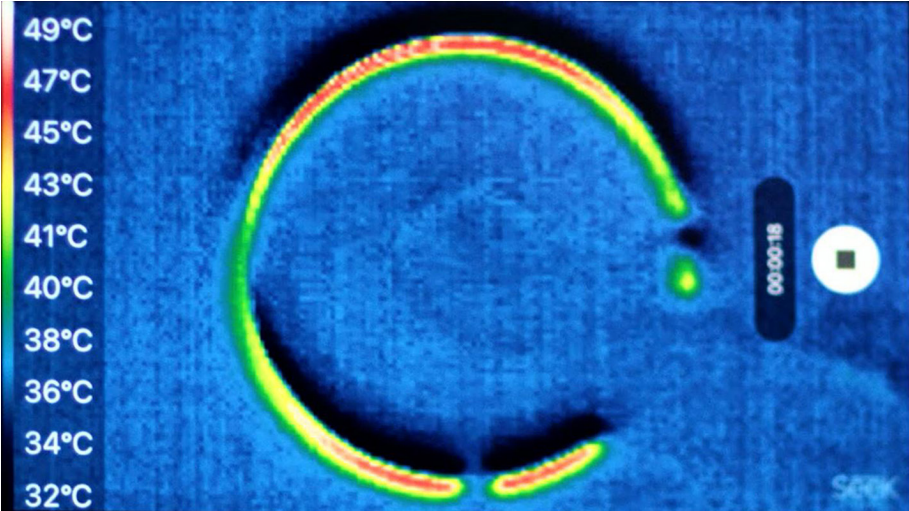
For rim brake wheels the temperatures reached can become as high as 280 degrees Celsius during prolonged heavy braking. Therefore, developing a brake surface that can handle temperatures up to that point without causing failure to the rim is crucial. Our R series rim brake models can handle the mentioned temperature point. In order to achieve this high level we developed our own resin. By using it in combination with a special production process we can ensure a consistent layout for the braking surface.

We think that the ideal braking behavior should be linear and easy to control. We achieve that by using our own brake pads. We have developed the compound for these in-house. We also make use of a special additive in the braking surface of the rim.

For disc brake wheels, the forces on the spokes and rim are more important as the heat is generated in a steel disc rotor and thus kept away from the composite rim. To test the braking behavior of our wheels we use a test setup which spins up a wheel using an electric motor driving the wheel on the tire.



BRAKE PERFORMANCE



Heat resistance test