

The MAGS

A rental device to find a remedy against asymmetric currents.

The Problem

In many cases asymmetric currents are able to destroy motor bearings, which cause high costs for maintenance services or new parts. To avoid these costs, these unwanted interferences need to be avoided.

Therefore MAGNETEC builds *Cool BLUE®* Cores.

In fact of such a complex topic, MAGNETEC invented a handy device to check the usage of such cores and preselect the best solutions.

The MAGS

The MAGS is a portable device for *Cool BLUE®* Core applications. It detects asymmetric currents.

To catch up these parasitic currents a row of LED's is installed in the front. According to the colour, MAGNETEC offers different solutions to stern destructive side effects.

The MAGS consist of two parts, the handheld and the loop.

The blue loop is a coil with a detachable connection to take a measurement on connected systems.

The handy base with LED's and labeling can show the quantitative amount of asymmetric currents and suggests *Cool BLUE®* Core solutions.



The MAGS

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Technical Information

| | |
|--------------------------------|----------------------------|
| Battery | 1 x 9V |
| Measuring time | < 3s |
| Application and Storage | 10 °C till 30 °C |
| Dimensions (LxWxH) | 118x79x25 + cable and coil |

Safety and Responsibility

This device is for rental only and owned by MAGNETEC.

It is strictly forbidden to pass the MAGS device to other users without consultation with MAGNETEC.

The MAGS must be handled by trained persons only and also must be used as in the guideline described. The measurement results are only for information and not guaranteed.

During the measurement the user has to pay attention of environment introduced effects like magnetic and/or electric fields.