

# CERTIFICATE OF COMPLIANCE

## Product

**Holder:** Mütéc Instruments GmbH

**Compliant Item:** MSK200-RMS

**Basis of Certification:** IEC 61508:2010

**Certification Include(s):**

- ☒ Management of functional safety
- ☒ Safety requirements specification
- ☒ Hardware requirements
- ☒ Reliability requirements
- ☒ Software requirements
- ☒ Basic safety
- ☒ User documentation

**Functional Safety Data:**

Safety function(s): See report

Mode: Low demand / Demand mode

Type: B

HFT: 0

Hardware compliance route: 2<sub>H</sub>

Systematic compliance route: 2<sub>S</sub>

Systematic capability: SC2

Failure rates (FIT): SD=72, SU=326, DD=382, DU=48

Safe failure fraction: 94%

Diagnostic coverage: 89%

Fit for use up to: SIL 2

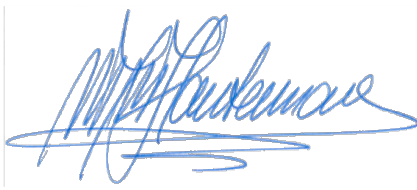
**Certification Results:**

Risknowlogy certifies that the above Compliant Item meets the requirements of the Basis of Testing for the selected assessment(s). The Risknowlogy report 656.18.1 and the safety manual are an integral part of this certificate.

**Certificate Number:** 1213.443.2

**Issue Date:** 2018-12-18

**Expiry Date:** After modification of Compliant Item



**Certifier:** dr.ir. Michel Houtermans

