

# Kalibrering av motortester

**Certificate of Calibration**

Elma Instruments - Rattemerknad 2 - DK - 1920 Figur

Elma Instruments

<b>LAST UNDER TEST:</b>	<b>Internal Model:</b> Sumner 47	<b>PERFORMED ON:</b> 08 Februar 2019
<b>DESCRIPTION TYPE:</b> Induktionsmotor	<b>TEST RESULT:</b> PASS	
<b>MODEL NUMBER:</b> 1138828	<b>CERTIFICATE TYPE:</b> FOUND LEFT	
<b>TEST NUMBER:</b> 1138828	<b>TEMPERATURE:</b> 22.00°C	
<b>PROCEDURE NAME:</b> Motor183000 Sumner 47	<b>HUMIDITY:</b> 46.9%	
<b>CERTIFICATE NO.:</b> 03602012	<b>CALIBRATED BY:</b> Anne Solbørem	

Elma Instruments A/S confirms that the above mentioned instrument meets or exceeds the manufacturer's published specifications in the points tested. All measurements are traceable to national and/or international standards as have been derived by approved metrology labs.

This certificate may not be reproduced other than in full. Calibration certificates without signature are not valid.

Any Test Uncertainty Ratio (TUR) that is less than four to one will appear under the "TUR" heading on the data record. If the TUR meets or exceeds four to one, the field is left blank.

Measurements using 70% or more of the published specification is marked with a yellow box.

REMARKS:

Serial #	Description	SN	Cal Date	Exp Date
195828	Fluke 1509A-Calibrator	918720297	03.01.2019	03.01.2020

Test Description	Unit, Value	Test Result	Lower Limit	Upper Limit	TUR	Status
<b>Resistance</b>						
Resistance 0.01 or above						Pass
<b>Battery voltage</b>						
Battery voltage OK						Pass
<b>Insulation Resistance 1 M 200V</b>						
0.01 M Ohm	0.02	0.02	0.01	0.03	Pass	Pass
0.1 M Ohm	0.02	0.02	0.01	0.16	175.00	Pass
0.5 M Ohm	0.02	0.02	0.01	0.62	31.00	Pass
100.0 M Ohm	0.02	0.02	0.01	1.00	40.00	Pass
<b>Insulation Resistance 1 M 500V</b>						
0.1 M Ohm	0.02	0.02	0.01	0.16	270.00	Pass
1.0 M Ohm	0.02	0.02	0.01	1.00	53.33	Pass

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www.elma-instruments.com

## Sporbar kalibrering

Har du kontroll over målenøyaktigheten din?

Det er viktig at du kan dokumentere instrumentets nøyaktighet. La Elma Instruments utføre sporbar kalibrering - da er du trygg.

For å sikre at instrumentet ditt alltid utfører nøyaktige målinger, anbefaler vi at det kalibreres en gang i året. Når du leverer inn et instrument for kalibrering hos Elma

Instruments, gjennomgår vi følgende prosedyrer:

- Gjennomgang og kontroll av hele instrumentet.
- Firmware-oppdatering (instrumentets programvare).
- Kalibrering i henhold til produsentens instruksjoner.
- Utstedelse av sertifikat.
- Registrering av instrument og registrering for tilbakekalling.

Du er alltid velkommen til å kontakte oss hvis du har spørsmål.

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## Tekniske Data: