

Kalibrering av spendingstester uten display

Certificate of Calibration

Elma Instruments - Røntgenveien 7 - DK - 3520 Espen

Elma Instruments

LIMIT UNDER TEST: Internal RESISTANCE	Internal RESISTANCE Sumner 47	PERFORMED ON: 08 Februar 2019	TEST RESULT: PASS
DESCRIPTION TYPE: 1136028	Manufacturer Order: 1136028	CERTIFICATE TYPE: FOUND LEFT	FOUND LEFT:
TEST NUMBER: 1136028		TEMPERATURE: 22.00°C	HUMIDITY: 46.5%
PROCEDURE NAME: Internal RESISTANCE Sumner 47		CALIBRATED BY: Inna Solbakk	
CERTIFICATE NO.: 03602012			

Elma Instruments AS 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:

Item/Serials Used

Serial #	Description	SN	Cal Date	Exp Date
105628	Fluke 1702A-Calibrator	71072027	03.01.2019	03.07.2020

Test Results

Test Description	Unit, Value	Test Result	Lower Limit	Upper Limit	TUR	Status
Resistance						
Resistance 0.01 or above						Pass
Battery settings						
Battery settings OK						Pass
Insulation Resistance 1 M 200V						
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
1 M Ohm	0.02	0.02	0.01	1.62	11.00	Pass
100.0 M Ohm	0.02	0.02	0.01	162.00	45.00	Pass
Insulation Resistance 1 M 250V						
0.01 M Ohm	0.02	0.02	0.01	0.16	270.00	Pass
0.1 M Ohm	0.02	0.02	0.01	1.62	33.33	Pass

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www.elma-instruments.no

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: