



Department: Calibration Laboratory ISO/IEC 17025:2005 Accreditation No. 015

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The certificate attached is an integral part of the schedule and is numbered identically התעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הנספח

General Manager



Schedule of Accreditation

Item	Scope Type	Site	Measurand Instrument, Gauge	Range [Including margins] (Does not include margins)	CMC Expressed as an Expanded Uncertainty (95%)	Reference Documents	Remarks	
Calibration – Electrical quantities - DC & Low frequency					כיוול – גדלים חשמליים - זרם ישר ותדר נמוך			
1	A	P	AC Current, Measuring Instruments	זרם חילופין, מכשירי מדידה	[22 μ A to 220 μ A]	Manual Fluke 5720A	Fluke 5720A Standard instrument	
2	A	P			[50 Hz to 1 kHz]			65 nA
3	A	P			(1 kHz to 5 kHz)			0.1 μ A
4	A	P			(0.22 mA to 2.2 mA)			
5	A	P			[50 Hz to 1 kHz]			0.63 μ A
6	A	P			(1 kHz to 5 kHz)			0.78 μ A
7	A	P			(2.2 mA to 22 mA)			
8	A	P			[50 Hz to 1 kHz]			4.5 μ A
9	A	P			(1 kHz to 5 kHz)			6 μ A
10	A	P			(22 mA to 220 mA)			
11	A	P	AC Voltage, Measuring Instruments	מתח חילופין, מכשירי מדידה	[2.2 mV to 22 mV]	Manual Fluke 5720A	Fluke 5720A Standard instrument	
12	A	P			[60 Hz to 20 kHz]			7.4 μ V
13	A	P			(20 kHz to 100 kHz)			17 μ V
					(100 kHz to 1 MHz)		80 μ V	

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



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Calibration – Electrical quantities - DC & Low frequency					כיוול – גדלים חשמליים - זרם ישר ותדר נמוך		
29	A	P	DC Resistance, Measuring Instruments	התנגדות זרם ישר, מכשירי מדידה	1 Ω	0.12 mΩ	Manual Fluke 5720A Fluke 5720A Standard instrument
30	A	P		10 Ω	0.26 mΩ		
31	A	P		100 Ω	1.3 mΩ		
32	A	P		1 kΩ	9.3 mΩ		
33	A	P		10 kΩ	87 mΩ		
34	A	P		100 kΩ	1.2 Ω		
35	A	P		1 MΩ	22 Ω		
36	A	P		10 MΩ	410 Ω		
37	A	P		100 MΩ	12 kΩ		
38	A	P	DC Voltage, Measuring Instruments	מתח בורם ישר, מכשירי מדידה	22 mV to 220 mV]	2.2 μV	Manual Fluke 5720A Fluke 5720A Standard instrument
39	A	P		(0.22 V to 2.2 V]	13 μV		
40	A	P		(2.2 V to 11 V]	58 μV		
41	A	P		(11 V to 22 V]	88 μV		
42	A	P		(22 V to 220 V]	1.3 mV		
43	A	P		(220 V to 1100 V]	8.3 mV		
44	A	P	DC Voltage, Sources	מתח בורם ישר, מחוללים	1.018 V	2.8 μV	Manual Fluke 732B HP 3458A Standard instrument Fluke 732B Standard instrument
45	A	P		10 V	20 μV		

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Calibration – Electrical quantities - DC & Low frequency						כיוול – גדלים חשמליים - זרם ישר ותדר נמוך	
46	A	P	Frequency, Sources	תדר, מחוללים 1 Pulse Per Second	2×10^{-11}	Manual AccuBeat AR-80A	HP 58503A Standard instrument AccuBeat AR-80A Standard instrument Integration time- 100 seconds
Item	Scope Type	Site	Measurand Instrument, Gauge	Range [Including margins] (Does not include margins)	CMC Expressed as an Expanded Uncertainty (95%)	Reference Documents	Remarks
Calibration – Electrical quantities - RF & Microwave, Time						כיוול – גדלים חשמליים - תדר גבוה, זמן	
47	A	P	Frequency, Sources	תדר, מחוללים 1 MHz	2×10^{-11}	Manual AccuBeat AR-80A	HP 58503A Standard instrument AccuBeat AR-80A Standard instrument Integration time- 100 seconds
48	A	P		5 MHz	2×10^{-11}		
49	A	P		10 MHz	2×10^{-11}		
50	A	P		[1 Hz to 1 GHz]	$(4.6 \times 10^{-11} f + 6 \times 10^{-6})$ Hz		AR-80A Standard instrument For f <= 100 kHz Integration time- 1000 seconds For f > 100 kHz Integration time- 100 seconds
51	A	P		(1 GHz to 50 GHz]	3×10^{-11}	Manual Agilent E4448A & E8257D	Gate Time: 0.5 Second

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