

# Schedule of Accreditation



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Trading As	
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Accreditation Standard	EN ISO/IEC 17025 C
Standard Version	2017
Date of award of accreditation	13/12/2023
Scope Classification	Metrology
Services available to the public <sup>1</sup>	No

<sup>1</sup> Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Head Office	Kew-Lew Business Park,, Portlaoise,, PORTLAOISE, Laois

# Scope of Accreditation

Head Office

Metrology

Category: A

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Expanded Measurement Uncertainty	Std. ref/SOP	Products	Remarks
110 Electrical - .01 Indicating and recording instruments	0.2V - 2V	100kHz	0.52% . U +4.39mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments	AC Voltage Generation
		10Hz - 44Hz	0.24% . U +0.40mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments	AC Voltage Generation
		1kHz - 19.999kHz	0.11% . U +0.15mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments	AC Voltage Generation
		20kHz - 99.999kHz	0.29% . U +2.31mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments	AC Voltage Generation
		45Hz - 999Hz	0.05% . U +0.10mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types	AC Voltage Generation

					of AC voltage measuring instruments	
200V to 1000V	1kHz -10kHz	0.17% . U +0.50V	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation	
	45Hz - 999Hz	0.049% . U +84.0mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation	
20mV - 200mV	100kHz	0.92% . U +0.45mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation	
	10Hz - 44Hz	0.23% . U +60μV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation	
	1kHz - 19.999kHz	0.11% . U +40μV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation	
	20kHz - 99.999kHz	0.35% . U +81μV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation	
	45Hz - 999Hz	0.05% . U +23μV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation	
20V to 200V	1kHz - 20kHz	0.11% . U +45.1mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage	AC Voltage Generation	

				measuring instruments.	
	30Hz - 44Hz	0.071% . U +23.1mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation
	45Hz - 999Hz	0.047% . U +9.0mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments.	AC Voltage Generation
2V to 20V	10Hz - 44Hz	0.24% . U +3.45mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments	AC Voltage Generation
	1kHz - 19.999kHz	0.085% . U +1.53mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments	AC Voltage Generation
	20kHz - 100kHz	0.26% . U +38.1mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments	AC Voltage Generation
	45Hz - 999Hz	0.042% . U +1.03mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC voltage measuring instruments	AC Voltage Generation
AC Ampere - ACI 0.1mA - 0.2mA	30Hz - 44Hz	0.32% . I +0.26µA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (1 Turn Coil)
	45Hz - 60Hz	0.21% . I +0.23µA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (1 Turn Coil)
AC Ampere - ACI 0.2A - 2A	30Hz - 44Hz	0.33% . I + 0.49mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (1 Turn Coil)
	45Hz - 60Hz	0.27% . I + 0.3mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (1 Turn Coil)

AC Ampere - ACI 0.2mA - 2mA	30Hz - 44Hz	0.33% . I +0.49µA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (1
	45Hz - 60Hz	0.24% . I +0.29µA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (1
AC Ampere - ACI 100A - 1500A	30Hz - 44Hz	0.62% . I +0.55A	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (50
	45Hz - 60Hz	0.58% . I +0.48A	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (50
AC Ampere - ACI 10A - 100A	30Hz - 44Hz	0.58% . I +0.49A	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (50
	45Hz - 60Hz	0.56% . I +0.49A	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (50
AC Ampere - ACI 20mA - 200mA	30Hz - 44Hz	0.33% . I +48.10µA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (1
	45Hz - 60Hz	0.24% . I +28.54µA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (1
AC Ampere - ACI 2mA - 20mA	30Hz - 44Hz	0.33% . I + 4.82µA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (1
	45Hz - 60Hz	0.24% . I + 2.86µA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. Turn Coil) (1
AC Ampere - ACI 0.4A - 4A	30Hz - 44Hz	0.58% . I +80.77mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (2 Turn Coil)
	45Hz - 60Hz	0.57% . I +80.82mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (2 Turn Coil)
AC Ampere - ACI 20A - 300A	30Hz - 44Hz	0.76% . I +136.0mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (10 Turn Coil)

		45Hz - 60Hz	0.73% . I +125.8mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (10 Turn Coil)
AC Ampere - ACI 2A - 20A		30Hz to 44Hz	0.73% . I + 126.6mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (10 Turn Coil)
		45Hz - 60Hz	0.72% . I + 126.6mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (10 Turn Coil)
AC Ampere - ACI 4A - 60A		30Hz - 44Hz	0.64% . I +80.0mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (2 Turn Coil)
		45Hz to 60Hz	0.61% . I + 79.45mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (AC Current)	AC Ampere Generation. (2 Turn Coil)
AC Current - 20µA - 200µA		10Hz - 44Hz	0.23% . I + 0.3µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation
		1kHz - 10kHz	0.93% . I +0.29µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation
		45Hz - 999Hz	0.085% . I +0.29µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation
AC Current 0.2A - 2A		10Hz - 44Hz	0.23% . I +0.62mA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
		1kHz - 5kHz	0.7% . I +0.82mA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.

		45Hz - 999Hz	0.14% . I +0.42mA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
AC Current 0.2mA to 2mA		10Hz - 44Hz	0.24% . I +0.57µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
		1kHz - 10kHz	0.81% . I +0.86µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
		45Hz - 999Hz	0.077% . I +0.46µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
AC Current 20mA - 200mA		10Hz - 44Hz	0.23% . I +62µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments	AC Current Generation
		1kHz - 10kHz	0.69% . I +88.30µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments	AC Current Generation
		45Hz - 999Hz	0.083% . I +44.36µA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments	AC Current Generation
AC Current 2A - 30A		100Hz - 1kHz	0.36% . I +4.59mA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
		30Hz - 44Hz	0.24% . I +5.74mA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current	AC Current Generation.

					measuring instruments.	
		45Hz - 99Hz	0.12% . I +2.11mA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
AC Current 2mA - 20mA		10Hz to 44Hz	0.23% . I + 6.2μA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
		1kHz - 10kHz	0.58% . I +8.19μA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
		45Hz - 999Hz	0.084% . I +4.42μA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of AC current measuring instruments.	AC Current Generation.
Capacitance (F) @1KHz		100nF	0.33nF	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Capacitances measuring instruments.	Capacitance Generation @1KHz.
		10nF	53.23pF	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Capacitances measuring instruments.	Capacitance Generation @1KHz.
		10μF	72.2nF	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Capacitances measuring instruments.	Capacitance Generation @1KHz.
		1nF	26pF	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Capacitances	Capacitance Generation @1KHz.



				measuring instruments.	
	1 $\mu$ F	5.07nF	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Capacitances measuring instruments.	Capacitance Generation @1KHz.
	20nF	83.63pF	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Capacitances measuring instruments.	Capacitance Generation @1KHz.
	50nF	0.18nF	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Capacitances measuring instruments.	Capacitance Generation @1KHz.
Continuity Current @ 1 $\Omega$	0mA - 320mA	1.47% . I +0.81mA	PPE-CP-02 - Insulation Tester	Insulation tester	Continuity Current Measurement.
Continuity Resistance	0 $\Omega$ - 9.999 $\Omega$	1.14% . R +31.10m $\Omega$	PPE-CP-02 - Insulation Tester	Insulation tester	Resistance Generation for Continuity Resistance.
	100 $\Omega$ - 999.9 $\Omega$	1.16% . R +0.29 $\Omega$	PPE-CP-02 - Insulation Tester	Insulation tester	Resistance Generation for Continuity Resistance.
	10 $\Omega$ - 99.99 $\Omega$	1.16% . R +29m $\Omega$	PPE-CP-02 - Insulation Tester	Insulation tester	Resistance Generation for Continuity Resistance.
	1k $\Omega$ - 4.999k $\Omega$	1.16% . R +2.84 $\Omega$	PPE-CP-02 - Insulation Tester	Insulation tester	Resistance Generation for Continuity Resistance.
	5k $\Omega$ - 50k $\Omega$	1.16% . R +28.60 $\Omega$	PPE-CP-02 - Insulation Tester	Insulation tester	Resistance Generation for Continuity Resistance.
DC Ampere - DCI	100A - 1500A	0.58% . I +0.47A	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (50 Turn Coil)

	10A - 100A	0.55% . I +0.49A	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (50 Turn Coil)
	20A - 300A	0.73% . I +124mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (10 Turn Coil)
	2A - 20A	0.71% . I +126.6mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (10 Turn Coil)
DC Ampere - DCI	0.1mA - 0.2mA	0.23% . I +0.01μA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (1 Turn Coil)
	0.2A to 2A	0.23% . I + 35μA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (1 Turn Coil)
	0.2mA - 2mA	0.23% . I +0.02μA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (1 Turn Coil)
	0.4A - 4A	0.57% . I +80.79mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (2 Turn Coil)
	20mA - 200mA	0.23% . I +1.5μA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (1 Turn Coil)
	2mA - 20mA	0.23% . I + 0.1μA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (1 Turn Coil)
	4A - 60A	0.60% . I + 80.3mA	PPE-CP-01 - Electro Technical Instruments	Current Clamp Meter (DC Current)	DC Ampere Generation. (2 Turn Coil)
DC Current	0.2A - 2A	0.018% . I +0.04mA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC current measuring instruments.	DC Current Generation.
	0.2mA - 2mA	0.0093% . I +46.75nA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC current	DC Current Generation.

				measuring instruments.		
		0μA - 200μA	0.11% . I +36.20nA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC current measuring instruments.	DC Current Generation.
		20mA - 200mA	0.0095% . I +3.51μA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC current measuring instruments.	DC Current Generation.
		2A - 30A	0.099% . I +0.85mA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC current measuring instruments.	DC Current Generation.
		2mA - 20mA	0.0059% . I + 0.36μA	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC current measuring instruments.	DC Current Generation.
	DC Voltage	0.2V - 2V	0.0035% . U +6.0μV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC voltage measuring instruments.	DC Voltage Generation
		0mV - 200mV	0.0035% . U +4.23μV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC voltage measuring instruments.	DC Voltage Generation
		200V - 1000V	0.0036% . U +4.6mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC voltage measuring instruments.	DC Voltage Generation
		20V - 200V	0.0037% . U +0.44mV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC voltage	DC Voltage Generation

					measuring instruments.	
	2V - 20V	0.0029% . U +48.2μV	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of DC voltage measuring instruments.	DC Voltage Generation	
Frequency (Hz)	40Hz to 10MHz	0.0024% . F	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Frequency measuring instruments.	Frequency Generation.	
Insulation Current	0.1mA - 1mA	0.052% . I +0.06μA	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Current Measurement.	
	1mA - 5mA	0.023% . I +0.6μA	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Current Measurement.	
Insulation Resistance	100GΩ - 1000GΩ	3.47% . R +0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
	100kΩ - 1000kΩ	0.59% . R +0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
	100MΩ - 1000MΩ	1.16% . R +0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
	10GΩ - 100GΩ	1.98% . R +0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
	10kΩ - 100kΩ	0.024% . R+0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
	10MΩ - 100MΩ	1.16% . R +0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
	1GΩ - 10GΩ	1.61% . R +0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
	1MΩ - 10MΩ	0.59% . R +0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
	1TΩ - 10TΩ	4.59% . R +0	PPE-CP-02 - Insulation Tester	Insulation Tester (up to 10kV).	Resistance Generation for Insulation testing.	
Insulation Voltage	10000V	2.32% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.	

	1000V	2.33% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.
	100V	0.23% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.
	125V	0.20% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.
	2500V	2.32% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.
	250V	0.14% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.
	5000V	2.32% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.
	500V	0.11% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.
	50V	0.19% . U +0	PPE-CP-02 - Insulation Tester	Insulation tester	Insulation Voltage Measurement up to 10kV.
Resistance (Ω) - 2 Wire	0.1Ω	46.6mΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
	0Ω	46.6mΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
	1000MΩ	11.64MΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.

100k $\Omega$	9.33 $\Omega$	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
100M $\Omega$	582k $\Omega$	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
100 $\Omega$	53.0m $\Omega$	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
10k $\Omega$	0.97 $\Omega$	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
10M $\Omega$	4.53k $\Omega$	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
10 $\Omega$	47.9m $\Omega$	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
1k $\Omega$	0.13 $\Omega$	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
1M $\Omega$	0.16k $\Omega$	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.

		1Ω	46.7mΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments.	Resistance (2 wire) Generation.
Resistance (Ω) - 4 Wire		0.1Ω	5.88mΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments	Resistance (4 wire) Generation
		0Ω	5.86mΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments	Resistance (4 wire) Generation
		100kΩ	9.3Ω	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments	Resistance (4 wire) Generation
		100Ω	11.72mΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments	Resistance (4 wire) Generation
		10kΩ	0.93Ω	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments	Resistance (4 wire) Generation
		10Ω	7.01mΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments	Resistance (4 wire) Generation
		1kΩ	0.093Ω	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments	Resistance (4 wire) Generation
		1Ω	5.98mΩ	PPE-CP-01 - Electro Technical Instruments	Multimeter, Clamp Meter & similar types of Resistance measuring instruments	Resistance (4 wire) Generation

