

National Laboratory Association – South Africa

Proficiency Testing Scheme Offerings (Open, Calibration)



Scheme I/D	Scheme Name	Measurement Field/sub-field	Measurement Detail	Price		Additional Information
				NLA Member	Non Member	
ILC101	High Accuracy Digital Multimeter	dc Low Frequency dcV: up to 1000 V acV: up to 1000 V 40 Hz to 100 kHz dcl: up to 2 A acl: up to 2 A, 5 kHz R: 1 Ω to 100 M Ω Freq: 10 Hz to 100 kHz	dc Voltage: 1 V; 10 V; 100 V; 1000 V ac Voltage: 100 mV, 40 Hz, 1 kHz, 10 kHz, 100 kHz; 1 V, 40 Hz, 1 kHz, 100 kHz; 10 V 40 Hz, 1 kHz, 100 kHz; 750 V, 40 Hz, 10 kHz dc Current: 10 mA; 100 mA; 1 A; 2 A ac Current: 1 A, 40 Hz, 5 kHz; 2 A 40 Hz, 5 kHz Resistance (4-Wire): 1 Ω ; 10 Ω ; 100 Ω ; 1 k Ω ; 10 k Ω ; 100 k Ω ; 1 M Ω ; 10 M Ω ; 100 M Ω Frequency: 10 Hz; 100 Hz; 1 kHz; 10 kHz; 100 kHz	R1200	R1500	HP34401A DMM
ILC102	Fixed Resistance in Air	dc Low Frequency Resistance	Resistors: 1 Ω ; 10 Ω ; 10 k Ω ; 100 k Ω	R1200	R1500	Audit Resistors
ILC103	Current Clamp Meter	dc Low Frequency Simulated Current	dc Current: 20 A; 100 A; 200 A; 500 A; 750 A; 1000 A ac Current: 20 A, 100 A, 200 A, 400 A, 500 A, 750 A, and 1000 A all at 60 Hz	R1200	R1500	Fluke 353 ac dc Clamp Meter

NB: Prices exclude 14% VAT and any delivery / courier charges

National Laboratory Association – South Africa



Proficiency Testing Scheme Offerings (Open, Calibration)

Scheme I/D	Scheme Name	Measurement Field/sub-field	Measurement Detail	Price		Additional Information
				NLA Member	Non Member	
ILC104	Medium Current Shunt	dc Low Frequency Current 2 A to 20 A	dc Current: 5 A; 10 A; 15 A; 20 A ac Current: 5 A, 40 Hz; 10 A, 1 kHz; 15 A, 1 kHz; 20 A, 5 kHz	R1200	R1500	Fluke Y5020 Current Shunt
ILC106	Mass Pieces	Mass Mass Pieces	Mass: 100 mg; 200 mg; 200 mg; 500 mg; 1 g; 2 g; 2 g; 5 g; 10 g; 20 g; 20 g; 50 g; 100 g; 200 g; 200 g; 500 g	R1200	R1500	Mass Pieces
ILC107	Liquid in Glass Thermometer - 20°C to +100°C	Temperature Liquid in Glass Thermometers	Temperature: -20°C; -10°C; 0°C 35°C; 69°C and 90°C	R1200	R1500	Thermometers
ILC108	PRT -40°C to +450°C	Temperature Platinum Resistance Thermometers	Temperature: -40°C, -30°C, -20°C; 0°C, 149°C, 300°C, 450°C, 0°C	R1200	R1500	Fluke/Hart PRT
ILC109	Data Logger	Temperature Temperature & Relative Humidity	Temperature: 15°C, 23°C, 30°C Relative Humidity: 30%rh, 50%rh, 75%rh	R1200	R1500	Keytag KTL 508

NB: Prices exclude 14% VAT and any delivery / courier charges

National Laboratory Association – South Africa

Proficiency Testing Scheme Offerings (Open, Calibration)



Scheme I/D	Scheme Name	Measurement Field/sub-field	Measurement Detail	Price		Additional Information
				NLA Member	Non Member	
ILC110	Pressure Calibrator	Pressure Gas Medium	Pressure: -75 kPa, 10 kPa, 50 kPa, 100 kPa, 150 kPa, 200 kPa	R1200	R1500	Fluke 713 30G
ILC111	Thermocouple Type R 0°C to 1200°C	Temperature Thermocouples Noble Metal	Temperature: 0°C, 249°C, 599°C, 1099°C, 1200°C	R1200	R1500	Type R T/C
ILC112	Pressure Calibrator	Pressure Gas Medium	Pressure: 100 kPa, 250 kPa, 350 kPa, 475 kPa, 600 kPa	R1200	R1500	Fluke 713 100G
ILC113	Torque Wrench	Torque Torque Generating Devices	Torque: 50 N•m, 100 N•m, 150 N•m, 200 N•m, 250 N•m, 300 N•m	R1200	R1500	BMS 4300
ILC114	Torque Wrench	Torque Torque Generating Devices	Torque: 10 N•m, 20 N•m, 30 N•m, 40 N•m, 50 N•m	R1200	R1500	BMS S3050

NB: Prices exclude 14% VAT and any delivery / courier charges