



MAESCO

(Pertubuhan Syarikat Syarikat Perkhidmatan Tenaga Malaysia)
Malaysia Association of Energy Service Companies


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Energy Audit Equipment For Rental

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Photo Gallery	Type	Feature	Rental Per day	Rental Per week	Rental Per month
	PROVA 6830+6802 POWER AND HARMONIC ANALYZER (1000A)	Analysis for 3P4W, 3P3W, 1P2W, 1P3W. True RMS Value (V 123 and L 123). Active Power (W, KW, MW, GW). Apparent and Reactive Power (KVA, KVAR). Power Factor (PF), Phase Angle (Φ). Energy (WH, KWH, KVARH, PFH). Current Measurement from 0.1mA to 3000A, Capable of analyzing IT Standby Power Consumption to the Maximum Demand of a Factory. Display of 35 Parameters in One Screen (3P4W) programmable CT (1 to 600) and PT (1 to 3000) Ratios. Display of Overlapped Voltage and Current Waveform. 2.4M Memory with Programmable Interval (1 to 6000 seconds, 17000 Records for 3P4W System). Output of Waveform, Power Parameters and Harmonics at Command. Large Dot Matrix LCD Display with Backlight Average Demand (AD in W, KW, MW). Maximum Demand (MD in W, KW, MW) with Programmable Period. Harmonic Analysis to the 99th Order Display of 50 Harmonics in One Screen with Waveform. Display of Waveform with Peak Values (1024 Samples/Period). Analysis of Total Harmonic Distortion (%THD-F). Graphic Phase Diagram with 3 Phase System Parameters. Capture 28 Transient Events (Time+Cycles) with Programmable Threshold (%). 3 Phase Voltage Unbalance Ratio (VUR) 3 Phase Voltage Unbalance Factor (d0%, d2%). Calculated Unbalance Current through Neutral Line (In). Optical isolated USB Interface Built-in Timer and Calendar for Data Logging. conductor Size: -Model 6801 30mm (approx.) -Model 6802 5.55mm (approx.), 64*24mm (bus bar) -Model 3007 170mm (approx.)	Members RM 128 Non - Members RM 192	Members RM 491 Non - Members RM 737	Members RM 1,597 Non - Members RM 2,395
	KYORITSU 6300-01 POWER ANALYZER COMPLETE WITH 3 X 8125 CLAMPS (500A)	All necessary Power Measurements : V, A, W, VA, Var, Wh, VAh, Varh, cos ϕ , In, Hz. Recording function with "integration time" selectable from 1 second to 1 hour. Internal non-volatile Memory for non-stop recording up to 10 days. Accepts Removable Compact Flash Memory up to 128MB for non-stop recording up to 5 years. Supplied with interface software for downloading data to PC via USB. Four wiring configurations : 3 Phase 4 Wires, 3 Phase 3 Wires, single Phase 3 Wire and 2 Wires. Wide screen with back light Multi-Display system for simultaneous measurements. Double power supply system : from AC Line and from Alkaline battery with approx. 7 hours of battery life. Demand function for Energy-Saving measurements. Designed to Safety Standard IEC 61010-1 CAT. III 600V.	Members RM 136 Non - Members RM 204	Members RM 524 Non - Members RM 786	Members RM 1,703 Non - Members RM 2,555

	TESTO 327-2 FLUE GAS ANALYZER (O₂,CO,CO₂) WITH DIFFERENTIAL PRESSURE FUNCTION	<p>Life expectancy of the measurement cells up to 3 years.IR & IRDA interface for easy readout of data to a PC, printer or Pocket PC.Bluetooth preparation.Delta-T measurement.Delta-P measurement: 2 measuring ranges.Memory (20).Li-ion battery (2,400 mA), life 10h.TÜV-tested (°C, O₂, optionally CO).Optionally. CO with H₂ compensation.Officially tested according to EN Norm 50379-2 for °C; O₂, hPa, Part 3 for CO. Optionally Part 2 for CO with H₂ compensation.</p>	<p>Members RM 115 Non - Members RM 172</p>	<p>Members RM 441 Non - Members RM 661</p>	<p>Members RM 1,432 Non - Members RM 2,148</p>
	AM-4203HA HANDHELD VANE ANEMOMETER	<p>Microprocessor circuit ensures high accuracy and provides special functions and features. Super large LCD display with contrast adjustment for best viewing angle. Dual function display. Heavy duty & compact case. Records Maximum and Minimum readings with recall facilities. Data hold. Auto power off saves battery life. Operates from 9V battery.Low-friction ball vane wheels is accurate in both high & low velocities.The portable anemometer provides fast, accurate readings, with digital readability and the convenience of a remote sensor separately. Multi-functions air flow measurement: m/s, km/h, ft/min, knots, mile/h. Build in temperature measurement. Thermocouple sensor for Temp. measurement, fast response time.Uses durable, long-lasting components, enclosed in b, light weight ABS-plastic housing..Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.</p>	<p>Members RM 29 Non - Members RM 58</p>	<p>Members RM 112 Non – Members RM 223</p>	<p>Members RM 363 Non - Members RM 726</p>
	TESTO 540 LIGHT INTENSITY MEASURING INSTRUMENT	<p>testo's 540 sensor is adapted tothe eye's spectral sensitivity. Testo 540 is therefore ideal for measuring light intensity in the workplace. Practical and small, itfits all pockets.Sensor adapted to spectralsensitivity of the eye.Hold function and max./min.Values. Display light.Protective cap for safe storage. Including wrist strap and beltHolder.</p>	<p>Members RM 17 Non – Members RM 35</p>	<p>Members RM 67 Non – Members RM 134</p>	<p>Members RM 218 Non - Members RM 435</p>
	HT-305 TEMPERATURE & HUMIDITY METER	<p>Humidity + Temperature + Dew point are combined . LCD with two display, easy readout into one meter, intelligent and professional. Heavy duty & compact housing case, designed. 0.1 %RH resolution for the humidity reading, for easy carry out & operation.0.1 degree resolution for the Temp. reading. Records Maximum and Minimum readings with Recall. Pocket size with Separate humidity & temp. probe, Auto shut off saves battery life. Easy operation. & remote measurement.Data hold function for freezing the desired value . Fast humidity measuring response time. On display. High accuracy and high precision. Show the humidity & temperature values on theDew point measurement. LCD display at same time. Just few panel buttons, easy operation. Built-in low battery indicator. Microprocessor circuit assures maximum possible. Wide humidity & temp. measuring range, accuracy, provides special functions and features.DC 9V power adapter input socket</p>	<p>Members RM 27 Non – Members RM 54</p>	<p>Members RM 103 Non - Members RM 206</p>	<p>Members RM 335 Non - Members RM 670</p>

	<p>CENTER 382 REFERIGERANT LEAK GAS TESTER WITH AIR SUCKLING SYSTEM</p>	<p>Air sucking System for faster response and highersensitivity . Microprocessor Control with advanced digital signal processing . Semiconductor gas sensor. High / Mid / Low Leak Sensitivity Selector .R- 22, 134a Hi : 3g/year ; Mid : 15g/year ; Lo : 30g/year .R-404A, 407C, 410A Hi : 4g/year ; Mid : 20g/year ; Lo : 40g/year.7 LED Tri- colour. Visual Leak Level Indicator .Ambient Concentration Reset .Warm- up Time: 45 seconds .Snake Tube Length: 400mm (15.5") flexible stainless probe .Auto power Off: 10 minutes .Ambient Concentration reset. Equal Sensitivity to CFCs, HCFCs and HFCs. Low battery indication.Reference Leak source included. Hard Carrying case included. Accordance with SAE J1627, CE design.</p>	<p>Members RM 20 Non – Members RM 40</p>	<p>Members RM 78 Non – Members RM 155</p>	<p>Members RM 252 Non - Members RM 505</p>
	<p>CIRCUTOR CIR-e3</p>	<p>Most portable recorders in the market follow highly complexparameters configuration and start-up processes. CIR-e3 has been designed with the purpose of simplifying the setup and executionof measurements and, as a consequence, the analysis of energyaudit studies.CIR-e3 is a portable high performance recorder designed for energy audits. Its design and easy operation make it ideal for carrying out energy studies, small size, plug &play,sealable, IP protection&easy connection.</p>	<p>Members RM 169 Non – Members RM 254</p>	<p>Members RM 651 Non – Members RM 976</p>	<p>Members RM 2,115 Non - Members RM 3,173</p>
	<p>UT LASER SURFACE THERMOMETER</p>	<p>The Model UT300A and UT300B Infrared Thermometer(hereafter, the "Thermometer") can determine thesurface temperature by measuring the amount ofinfrared energy radiated by the target's surface. Theyhave different distance to spot (D:S) figure and differenttemperature range, details see the contents.</p>	<p>Members RM 35 Non - Members RM 70</p>	<p>Members RM 134 Non – Members RM 267</p>	<p>Members RM 435 Non - Members RM 869</p>
	<p>HYGRO DATA LOGGER</p>	<p>Temperature measuring range: -40.0~+120.0degree .Accuracy of temp. Measurement under room temp.: &plusmn; 0.2degree at -20~+30degree, &plusmn; 0.5degree at others .Resolution: 0.1 .External sensor: PT1000 .Humidity measuring range: 0~95%RH .Accuracy: &plusmn; 3% RH . Resolution: 0.1 .Recording cycle: Normal mode 2 seconds~24 hours continuous set .Low power consumption mode: 10 seconds~24 hours continuous set .Recording capacity: Temperature: 8000 points (Max) . Humidity: 8000 points (Max) .Applicable environment: Temperature: - 35~70degree .Humidity: 0%~95% .Power supply: 2.4Ah 3.6V one non- chargeable lithium battery .(continuous work at 1~2 years, depend on specific conditions) .Data output: Connect the computer with RS-232 interface to transfer data Safe level: IP65.</p>	<p>Members RM 42 Non – Members RM 84</p>	<p>Members RM 162 Non – Members RM 323</p>	<p>Members RM 525 Non - Members RM 1,050</p>
	<p>PSENSOR-RH PORTABLE CO2/TEMP/RH METER</p>	<p>Psense-RH is a very light-weight CO₂ instrument with a digital display designed to measure the CO₂ concentration in the surrounding air. The display shows the current CO₂ concentration and Temperature and Humidity simultaneously.</p>	<p>Members RM 48 Non – Members RM 96</p>	<p>Members RM 185 Non – Members RM 369</p>	<p>Members RM 600 Non - Members RM 1,200</p>

Extra Accessories for Power Analysers					
	PROVA 6200 GRAPHIC SINGLE PHASE POWER CLAMP	Extra accessories for PROVA 6830+6802 POWER AND HARMONIC ANALYZER (1000A)	Members RM 40 Non - Members RM 79	Members RM 153 Non – Members RM 305	Members RM 496 Non - Members RM 991
	KYORITSU 8124 (1000A) CLAMPS FOR PQA D:68MM	Extra accessories for KYORITSU 6300-01 POWER ANALYZER	Members RM 10 Non – Members RM 20	Members RM 38 Non – Members RM 75	Members RM 122 Non - Members RM 244
	KYORITSU 8127 (100A) CLAMPS FOR PQA D:68MM	Extra accessories for KYORITSU 6300-01 POWER ANALYZER	Members RM 6 Non - Members RM 12	Members RM 23 Non – Members RM 46	Members RM 74 Non - Members RM 149
	PROVA 6801 DIGITAL CLAMP (100A) X 3 pcs	Extra accessories for PROVA 6830+6802 POWER AND HARMONIC ANALYZER (1000A)	Members RM 52 Non – Members RM 105	Members RM 202 Non – Members RM 403	Members RM 655 Non - Members RM 1,310