

instrumentation test and measurement

page 1a

SUPPLIERS

PRODUCTS/SERVICES

Cable & Core Identifiers	50Hz Solutions 61 2 9439 0041	ABB Australia 1300 782 527	AEMC Instruments export@aemc.com	Alstom Grid 1300 257 866	Ampcontrol 1300 267 373	Arthur D. Riley 64 4 472 7614	AVT Services 1800 559 988	Central Test 61 3 5445 6220	Delistar NZ 64 9835 3400	Doble Engineering Co 61 (0)427 215 954	Dynamic Ratings 61 3 9574 7722	EA Technology Aust 61 7 3257 3096	Eaton Industries 1300 332 866	Enertel 61 2 9674 4748	Extreme Safety 1800 769 370	FLIR Systems Australia 1300 729 987	Fluke Australia 61 2 8850 33333	High Voltage Solution 64 2 7419 9952
Cable Fault Location (Underground)																		
Cable Sniffer																		
Cable Vans																		
Condition Assessment																		
Couplers																		
Impulse Current																		
Partial Discharge																		
Power Cable Analyser																		
Pulse Echo																		
Seismic Microphones																		
Surge Generators up to 70kV																		
Time Domain Reflectometer (TDR)	✓																	
Cable Termination Testing	✓	✓	✓	✓											✓	✓	✓	
Calibration & Measurement							✓									✓	✓	
Electrical Calibrations																		
EWP Testing (HV)																		
Pressure Calibrations																		
Safety Equipment Testing (HV)																		
Temperature Calibrations																✓		
Calibrators								✓							✓		✓	
Multifunction								✓	✓								✓	
Test Equipment								✓	✓	✓					✓		✓	
Circuit Breaker Testing	✓		✓	✓				✓							✓	✓	✓	✓
Condition Monitoring	✓		✓	✓				✓							✓		✓	
SF ₆ Insulation	✓	✓		✓	✓			✓	✓							✓		✓
Breakdown Test Sets		✓		✓					✓									
Leak Detector	✓	✓		✓					✓								✓	
Moisture Monitor	✓	✓		✓					✓								✓	
Purity Monitor	✓	✓		✓					✓									
Timing, Trip & Close Coil Profiling	✓		✓	✓				✓							✓		✓	
Clamp Meters	✓		✓					✓							✓	✓	✓	✓
< 1000 Amps			✓					✓		✓					✓	✓	✓	✓
< 2000 Amps			✓					✓		✓					✓	✓	✓	✓
Cat 4, 1000 V			✓					✓		✓					✓		✓	
Harmonics / Waveshape	✓		✓					✓		✓					✓	✓	✓	✓
HV - up to 69kV								✓		✓					✓			
IP54			✓					✓		✓					✓			✓
Power Factor / Power			✓					✓		✓					✓		✓	✓
Current Injection Test Sets					✓			✓		✓					✓			
Current Loggers	✓		✓														✓	
Bluetooth®			✓															
IP65			✓															
3-Phase	✓		✓														✓	
Single Phase	✓		✓														✓	

instrumentation test and measurement

PRODUCTS/SERVICES

instrumentation test and measurement

page 2a

SUPPLIERS

Current Probes	50Hz Solutions 61 2 9439 0041	ABB Australia 1300 782 527	AC Hargreaves 61 7 3376 2222	AEMC Instruments export@aemc.com	Alstom Grid 1300 257 866	Ampcontrol 1300 267 373	Arthur D. Riley 64 4 472 7614	AVO New Zealand 0800 485 990	Bri-Tech 61 8 9270 6200	Central Test 61 3 5445 6220	DEHN + SÖHNE 61 3 8414 8277	Delstar NZ 64 9835 3400	Dewar Electronics 61 3 9725 3333	Eaton Industries 1300 332 866	Enertel 61 2 9674 4748	ERICO 1800 055 599	Extreme Safety 1800 769 370	FLIR Systems Australia 1300 729 987	Fluke Australia 61 2 8850 3333
Current/Voltage Measuring Insulators																			
Electric Motors																			
Diagnostic Equipment	✓							✓							✓			✓	
Test Systems	✓							✓						✓			✓	✓	
Fused Test Leads								✓						✓			✓	✓	
Cat 3, 600V														✓			✓		
Cat 3, 1000V														✓			✓	✓	
Cat 4, 600V														✓			✓		
Cat 4, 1000V														✓			✓		
Gas Leak Detection	✓							✓					✓		✓			✓	
Ground Penetrating Radar																			
HV Laboratory Test Equipment								✓					✓			✓			
HV Test Sets								✓					✓			✓			
AC Dielectric / DC													✓			✓			
Impulse Generators								✓					✓			✓			
To 6,000 kV								✓								✓			
Resonant													✓			✓			
VLF													✓						
Tan Delta													✓			✓			
Instrumentation Management								✓										✓	
Insulation Monitors													✓			✓			
Kilovolt Meters													✓			✓			
Lightning Strike Counters	✓												✓			✓		✓	
Micro Ohmmeters								✓					✓		✓	✓			
To 10 Amps								✓					✓			✓			
To 600 Amps													✓			✓			
To 800 Amps													✓			✓			
With Demagnetisation																✓			
Multimeters - Digital								✓					✓		✓		✓	✓	
Overload Test Sets													✓						
Panel Meters								✓					✓		✓	✓			
Analog								✓					✓		✓	✓			
Digital								✓					✓		✓	✓			
Meter Relays								✓								✓			
PCB Field Test Kits																			
Phase Rotation Indicators								✓					✓		✓		✓	✓	
Cat 3 600V								✓					✓		✓	✓	✓	✓	
Cat 4 600V								✓					✓					✓	
Contactless								✓					✓					✓	
Phasing Detectors													✓		✓	✓			
GPS Phasing													✓		✓	✓			
Live Phase ID to 120kV													✓						
Wireless Phasing													✓						
Phasing Out Instruments								✓					✓		✓	✓		✓	
1 to 36kV								✓					✓		✓	✓		✓	

instrumentation test and measurement

page 2b

SUPPLIERS

Current Probes	High Voltage Solution 64 2 7419 9952	HV Diagnostic Services www.hvds.co.nz	Insulet Australia www.insulet.com	Legend Power Systems 1800 769 370	Lord Power Equipment 1800 128 000	Madison Technologies 1800 988 887	OMICRON electronics 61 3 9466 7655	Pacific Test Equipment 61 2 9659 2300	SATEC (Australia) 61 2 4774 2959	Schneider Electric 1300 369 233	Select Solutions 1300 735 328	Sicame Australia 61 7 3807 7022	Sunstate Electrical 61 7 3488 0412	TECHRENTALS 1800 632 652	TE Connectivity Crompton 1300 656 090	Vaisala 61 3 9815 6700
Current/Voltage Measuring Insulators		✓			✓											
Electric Motors					✓											
Diagnostic Equipment						✓	✓									
Test Systems							✓									
Fused Test Leads		✓	✓	✓	✓			✓								
Cat 3, 600V		✓	✓	✓	✓			✓								
Cat 3, 1000V		✓	✓	✓	✓			✓								
Cat 4, 600V		✓	✓	✓	✓			✓								
Cat 4, 1000V		✓	✓	✓				✓								
Gas Leak Detection					✓			✓			✓				✓	
Ground Penetrating Radar						✓										
HV Laboratory Test Equipment							✓				✓					
HV Test Sets	✓	✓									✓	✓	✓	✓		
AC Dielectric / DC											✓	✓	✓	✓		
Impulse Generators											✓	✓	✓			
To 6,000 kV											✓	✓	✓			
Resonant											✓	✓	✓			
VLF	✓	✓									✓	✓	✓	✓		
Tan Delta								✓			✓	✓	✓	✓		
Instrumentation Management						✓	✓									
Insulation Monitors		✓									✓	✓	✓	✓		
Kilovolt Meters										✓			✓			
Lightning Strike Counters		✓														
Micro Ohmmeters					✓			✓	✓				✓	✓		
To 10 Amps					✓			✓	✓							
To 600 Amps								✓	✓							
To 800 Amps									✓							
With Demagnetisation								✓	✓							
Multimeters - Digital					✓	✓	✓	✓	✓			✓	✓			
Overload Test Sets								✓								
Panel Meters		✓				✓				✓	✓		✓		✓	
Analog							✓			✓	✓		✓		✓	
Digital		✓					✓			✓	✓		✓		✓	
Meter Relays										✓					✓	
PCB Field Test Kits																
Phase Rotation Indicators		✓		✓		✓		✓							✓	
Cat 3 600V					✓		✓									
Cat 4 600V		✓		✓		✓		✓								
Contactless					✓		✓									
Phasing Detectors		✓				✓			✓						✓	
GPS Phasing		✓				✓										
Live Phase ID to 120kV		✓							✓							
Wireless Phasing		✓							✓							
Phasing Out Instruments		✓		✓								✓				
1 to 36kV		✓		✓												

instrumentation test and measurement

page 3a

SUPPLIERS

PRODUCTS/SERVICES

Power Analysers - Precision 0.02%	✓	50Hz Solutions 61 2 9439 0041	ABB Australia 1300 782 527	AEMC Instruments export@aemc.com	Alstom Grid 1300 257 866	Ampcontrol 1300 267 373	Arthur D. Riley 64 4 472 7614	AVO New Zealand 0800 485 990	AVT Services 1800 559 988	Central Test 61 3 5445 6220	DEHN + SÖHNE 61 3 8414 8277	Delistar NZ 64 9835 3400	Doble Engineering Co 61 (0)427 215 954	Eaton Industries 1300 332 866	Enertel 61 2 9674 4748	ERICO 1800 055 599	Extreme Safety 1800 769 370	FLIR Systems Australia 1300 729 987	Fluke Australia 61 2 8850 3333	High Voltage Solution 64 2 7419 9952	HV Diagnostic Services www.hvds.co.nz	Hylec Energy Solutions 61 7 3396 2220	Insulet Australia www.insulet.com	Legend Power Systems 1800 769 370	Lord Power Equipment 1800 128 000	Madison Technologies 1800 988 887	Ormazabal Aust Pty Ltd 61 2 4277 7802
Single Phase	✓								✓																		
3-Phase	✓								✓																		
6-Phase									✓																		
Power Oscilloscopes to 600VAC	✓																	✓									
2000A 1 Phase																		✓									
1500A 3 Phase																		✓									
Power Quality Analysers	✓	✓	✓															✓									
1uS Transient Capture	✓	✓																✓									
IP65																		✓									
Bluetooth®																											
Protection Relay Test Sets			✓																								
SF₆ Analyser	✓																										
SF₆ Gas Leak Detector	✓		✓																								
Surge Arrestors	✓	✓																									
Leakage Current Monitor	✓																										
Monitoring	✓	✓																									
Testing		✓																									
Surge Devices																											
Surge Protection	✓																										
Instrumentation																											
Power Supply	✓																										
Temperature Monitoring - Distributed																											
Temperature Sensing Instruments									✓									✓	✓	✓	✓	✓	✓	✓			
Distributed Temperature Monitoring								✓										✓	✓								
Hotspot								✓										✓	✓	✓							
Thermal (Infra-Red) Camera								✓										✓	✓	✓	✓						
Thermal (Infra-Red) Imager								✓										✓	✓	✓	✓						
Temperature Loggers	✓							✓										✓	✓								
Temperature Meters																		✓	✓								
Testers	✓	✓	✓	✓	✓													✓	✓	✓	✓	✓	✓	✓			
Battery Load									✓									✓	✓	✓	✓	✓	✓	✓			
Capacitor									✓									✓									
Current									✓									✓									
Current Injection																											
Earth																		✓	✓	✓	✓	✓	✓	✓			
In Service/Live Measurement																		✓	✓	✓	✓	✓	✓	✓			
Live SWER																		✓									
Portable Earth Set																		✓									
Resistance																		✓									
Soil Resistivity																		✓									
Fixed HV Detector																											
Insulation																		✓	✓	✓	✓	✓	✓	✓			
to 5000V																		✓	✓	✓	✓	✓	✓	✓			
to 10,000V																		✓	✓	✓	✓	✓	✓	✓			
Dielectric Absorption Ratio																		✓	✓								
Polarisation Index																		✓	✓								
Step Voltage																		✓	✓								

instrumentation test and measurement

page 3b

PRODUCTS/SERVICES

	PACIFIC TEST EQUIPMENT	SATEC (AUSTRALIA)	SCHNEIDER ELECTRIC	SELECT SOLUTIONS	SICAME AUSTRALIA	SUNSTATE ELECTRICAL	TECHRENTALS	TE CONNECTIVITY	TJLH2B ANALYTICAL SERVICES	Vaisala	Warsash Scientific
Power Analysers - Precision 0.02%	✓				✓						
Single Phase	✓				✓						
3-Phase	✓				✓						
6-Phase	✓				✓						
Power Oscilloscopes to 600VAC	✓					✓					
2000A 1 Phase	✓					✓					
1500A 3 Phase	✓					✓					
Power Quality Analysers	✓	✓			✓	✓	✓	✓	✓		
1uS Transient Capture	✓										
IP65	✓										
Bluetooth®	✓										
Protection Relay Test Sets	✓					✓	✓		✓		
SF₆ Analyser	✓						✓			✓	
SF₆ Gas Leak Detector	✓		✓			✓				✓	✓
Surge Arrestors								✓			
Leakage Current Monitor											
Monitoring											
Testing											
Surge Devices										✓	
Surge Protection				✓						✓	
Instrumentation				✓							
Power Supply				✓						✓	
Temperature Monitoring - Distributed							✓				
Temperature Sensing Instruments	✓	✓	✓		✓	✓	✓		✓	✓	
Distributed Temperature Monitoring						✓				✓	
Hotspot			✓			✓	✓			✓	
Thermal (Infra-Red) Camera	✓			✓		✓	✓			✓	
Thermal (Infra-Red) Imager	✓						✓			✓	
Temperature Loggers	✓					✓	✓			✓	
Temperature Meters	✓					✓	✓			✓	✓
Testers	✓	✓		✓	✓	✓	✓				
Battery Load	✓					✓	✓				
Capacitor					✓		✓				
Current							✓				
Current Injection					✓	✓					
Earth	✓				✓		✓				
In Service/Live Measurement	✓				✓		✓				
Live SWER	✓				✓		✓				
Portable Earth Set	✓				✓		✓				
Resistance	✓						✓			✓	
Soil Resistivity	✓						✓			✓	
Fixed HV Detector	✓						✓				
Insulation	✓			✓			✓				
to 5000V	✓			✓			✓				
to 10,000V	✓			✓			✓				
Dielectric Absorption Ratio	✓			✓							
Polarisation Index	✓			✓							
Step Voltage	✓			✓							



- Calibration and Repair services for ALL brands of test instruments
- All calibrations are performed with NATA calibrated standards and are traceable to National Standards.



PACIFIC TEST
equipment

+61 2 9659 2300

service@pacifictest.com.au

instrumentation test and measurement

SUPPLIERS

instrumentation test and measurement

SUPPLIERS

instrumentation test and measurement

page 5a

SUPPLIERS

PRODUCTS/SERVICES

Thermographic (Infra-Red) Cameras	50Hz Solutions 61 2 9439 0041	AC Hargreaves 61 7 3376 2222	AEMC Instruments export@aemc.com	Arthur D. Riley 64 4 472 7614	AVO New Zealand 0800 485 990	Central Test 61 3 5445 6220	DEHN + SÖHNE 61 3 8414 8277	Delstar NZ 64 9835 3400	Eneritel 61 2 9674 4748	Extreme Safety 1800 769 370	FUR Systems Australia 1300 729 987	HV Diagnostic Services www.hvds.co.nz	Hylec Energy Solutions 61 7 3396 2220	Insulet Australia www.insulet.com	Legend Power Systems 1800 769 370
Corona				✓			✓								✓
Infrared Thermometer		✓													
Thermal Camera								✓							
Pole Top							✓								
Thermal Imager						✓									✓
Thermographic Inspection Services			✓												
Corona Thermographic			✓									✓			
Infrared Thermographic												✓			
Three Phase Power Meter	✓	✓	✓		✓						✓	✓			✓
Transformer Ohmmeters									✓		✓				
To 20 Amps						✓					✓				
To 60 Amps						✓					✓				
To 100 Amps						✓					✓				
3-Channel With Heat Run Analysis											✓				
With Demagnetisation															
With Dynamic Tap-Change Analysis															
Transformer Ratios		✓							✓						✓
To 100 V	✓					✓			✓						
To 250 V	✓					✓			✓						
3-Phase True RMS	✓					✓			✓						
Transformer/Reactor Test Equipment			✓						✓						
Frequency Response Analysis: FRA			✓												
Vibration Data Logger												✓			
Generator	✓									✓		✓			
Transformer												✓			
Wind Turbine															
Voltage Detectors (Refer page 103)		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓
Volt Meter Testers		✓		✓									✓		
Weather Monitoring															
Sensors															
Systems															

FLUKE. THE MOST TRUSTED TOOLS IN THE WORLD

Contact Fluke Australia

02 8850 3333
auinfo@fluke.com
www.fluke.com.au

Follow Us facebook.com/flukeaustralia twitter.com/flukeaustralia youtube.com/flukecorporation

instrumentation test and measurement

page 5b

SUPPLIERS

Thermographic (Infra-Red) Cameras	✓	✓	✓					
Corona	✓		✓					
Infrared Thermometer		✓	✓					✓
Thermal Camera	✓		✓					✓
Pole Top								
Thermal Imager		✓	✓					✓
Thermographic Inspection Services	✓			✓				✓
Corona Thermographic	✓							
Infrared Thermographic			✓		✓	✓		✓
Three Phase Power Meter		✓			✓		✓	✓
Transformer Ohmmeters			✓	✓				
To 20 Amps				✓			✓	
To 60 Amps				✓				
To 100 Amps				✓				
3-Channel With Heat Run Analysis				✓			✓	
With Demagnetisation				✓			✓	
With Dynamic Tap-Change Analysis		✓	✓				✓	
Transformer Ratiometers			✓	✓			✓	✓
To 100 V				✓			✓	
To 250 V				✓			✓	
3-Phase True RMS		✓	✓				✓	
Transformer/Reactor Test Equipment	✓		✓	✓				✓
Frequency Response Analysis: FRA	✓		✓	✓			✓	
Vibration Data Logger		✓					✓	✓
Generator		✓					✓	✓
Transformer		✓					✓	✓
Wind Turbine							✓	✓
Voltage Detectors (Refer page 103)				✓	✓		✓	
Volt Meter Testers		✓		✓			✓	
Weather Monitoring						✓	✓	✓
Sensors							✓	✓
Systems						✓	✓	✓

Does Your Multimeter Show an Open, But Your Megger Show a Short? Pinpoint Power Cable Faults with Ease

Celebrating
40
years

The Megger EZ-Thump is suitable for HV testing, and specialises in power cable fault finding. This portable unit incorporates a 12 kV Hipot tester, time domain reflectometer (TDR) and surge generator. It can be powered from an ac supply or internal batteries (3 h recharge time provides 30 min of thumping). Surge generator produces a 500 J, 0 to 12 kV @ 12 mA pulse.

Features:

- Automatic fault locating procedure
- Automatic end-of-cable and fault detection
- dc testing up to 12 kV with automatic breakdown detection
- Quick-step and expert modes

SAVE MONEY – THINK RENTAL

Rent i5 Notebooks from \$2.50* per day with a licensed version of Microsoft Office Pro! Call today on 1300 853 260 to discuss your requirements.
*Conditions apply



CALL NOW FOR YOUR
FREE 2014 CATALOGUE



Techrentals
your rental business partner
RENT FOR A DAY, A MONTH,
A YEAR OR MORE
1800 632 652
www.techrentals.com.au