


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

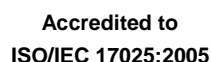
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 Accredited to ISO/IEC 17025:2005	<b>Cranage EMC Testing Ltd</b>  Issue No: 032   Issue date: 06 January 2017	
	<b>Stable Court</b> <b>Oakley</b> <b>Nr Market Drayton</b> <b>Shropshire</b> <b>TF9 4AG</b>	<b>Contact: Mark Richens</b> <b>Tel: +44 (0) 1630 658568</b> <b>Fax: +44 (0) 1630 658921</b> <b>E-Mail: mark@cranage.co.uk</b> <b>Website: www.cranage.co.uk</b>
Testing performed by the Organisation at the locations specified		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details		Activity	Location code
<b>Address</b> Stable Court Oakley Nr Market Drayton Shropshire TF9 4AG	<b>Local contact</b> Mark Richens Tel: +44 (0) 1630 658568 Fax: +44 (0) 1630 658921 E-Mail: mark@cranage.co.uk Website: www.cranage.co.uk	EMC testing	A
<b>Address</b> Wallace Way Tern Valley Business Park Market Drayton Shropshire TF9 3AG	<b>Local contact</b> Mark Richens Tel: +44 (0) 1630 658568 Fax: +44 (0) 1630 658921 E-Mail: mark@cranage.co.uk Website: www.cranage.co.uk	Electrical, Mechanical and Thermal Safety Testing	B



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## DETAIL OF ACCREDITATION

Assessment Manager: AP



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
As listed on Page 2	<b>1 EMC Tests</b>		
	1.2 Conducted Emissions: Discontinuous (click) disturbances 150 kHz to 30 MHz (dB $\mu$ V)	EN 55014-1:2006 inc A2:2011	A
	1.3 Radiated Emissions: Disturbance Power 30 MHz to 300 MHz (dBpW) And	EN 55014-1:2006 inc A2:2011	A
	1.5 Radiated Emissions Electric Field  30 MHz to 6 GHz	EN 55011:2009 inc A1 EN 55014-1:2006 inc A2:2011 EN 55022:2010 FCC CFR 47:Part 15B/C FCC CFR 47 Part 18 ANSI C63.4:2003 ANSI C63.4:2009 EN 55015:2006 inc A2:2009	A
	1.6 Electrostatic Discharge up to 15 kV	EN 61000-4-2:1995 including Amendment A1:1999 and A2:2001 EN 61000-4-2:2009	A
	1.7 Radiated RF Immunity 10 Vm <sup>-1</sup> 80 MHz to 2.7 GHz	EN 61000-4-3:1996 including Amendment A1:1998 EN 61000-4-3:2002 including Amendment A1:2002 EN 61000-4-3:2006 including Amendment A1:2008 EN 61000-4-3:2006 inc A2:2011	A



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As listed on Page 2	<b>1 EMC Tests</b> (cont'd)		
	1.8 Immunity to Fast Transients/ Bursts up to 4 kV	EN 61000-4-4:1995 including Amendment A1:2001 & A2:2001 EN 61000-4-4:2004 EN 61000-4-4: 2004 +A1: 2010 EN 61000-4-4: 2012	A
	1.9 Surge test 1.2/50 $\mu$ s to 8/20 $\mu$ s waveform up to 10 kV maximum	EN 61000-4-5:1995 including Amendment A1:2001 EN 61000-4-5:2006 EN 61730-1:2007	A
	1.10 Conducted RF Immunity 150 kHz to 230 MHz up to 10 Vrms	EN 61000-4-6:1996 including Amendment A1:2001 EN 61000-4-6:2007 EN 61000-4-6:2009 EN 61000-4-6: 2014	A
	1.11 Voltage Dips, Interruptions and Variations	EN 61000-4-11:1994 EN 61000-4-11:2004	A
	1.12 Power Frequency Magnetic Field	EN 61000-4-8: 1993 INC. A1 (2001)	A
	1.13 Pulse Magnetic Field	EN 61000-4-9:1993 + A1:2001	A



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As listed on Page 2	<b>1 EMC Tests (cont'd)</b>		A
	1.14 Oscillatory Magnetic Field	EN 61000-4-10:1993 + A1:2001	
	1.15 Oscillatory waves immunity	EN 61000-4-12:1995 including Amendment A1: 2002 EN 61000-4-12:2006 EN 61000-4-18:2007 EN 61000-4-18:2007 + A1:2010	A
	1.16 Harmonics	EN 61000-3-2:2006 inc A2:2009	A
	1.17 Flicker	EN 61000-3-3:2008	A



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As listed on Page 2	<p><b>1 EMC Tests (cont'd)</b></p> <p>1.18 Generic and Product Standards</p> <p>These Generic and Product specific tests are included in this schedule but limited to those referred basic standards that are explicitly listed in Sections 1.1 to 1.12.</p>	<p>EN 61000-6-1: 2007</p> <p>EN 61000-6-2: 2005</p> <p>EN 6100-6-3:2007 inc A1:2011</p> <p>EN 61000-6-4:2007 inc A1:2011</p> <p>EN 61326-1: 2013</p> <p>EN 61543:1996 including Amendment A1:2003</p> <p>EN 50293: 2012</p> <p>ISO 7176-21:2003</p> <p>EN 12184:1999</p> <p>EN 50091-2:1996</p> <p>EN 50199:1996</p> <p>EN 55024:2010</p> <p>EN 61204-3:2001</p> <p>EN 61547:2009</p> <p>EN 62493:2010</p> <p>EN 50121-3-2:2000</p> <p>EN 50121-4:2000</p> <p>EN 50121-5:2000</p> <p>EN 50130-4:2011</p> <p>EN 12895:2000</p> <p>EN 55014-2:1997 including A2:2008</p> <p>EN 61800-3:1997 including Amendment 1:2001</p> <p>NGTS 3.24.15:Issue 1</p> <p>EN 60601-1-2:2007</p> <p>EN 60974-10:2003</p>	A



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<b>Section 2:</b>	<b>2 Electrical Safety Tests</b>		
Low voltage surge protection devices	2.1 Combination wave test  1.2/50 $\mu$ s to 8/20 $\mu$ s waveform $U_{oc}$ 2 kV up to 10 kV maximum	EN 61643-11:2012 For the following clause only Clause 7.5.4, Limiting voltage with the combination wave	B
Information Technology Equipment including electrical business equipment	2.2 Safety Tests	EN 60950-1:2001 Amd A11, excluding:- Clause 2.10.3.4: Transient voltage measurement Clause 2.10.6.6: Abrasion resistance test Clause 4.2.8: CRT implosion test Clause 4.2.8: CRT implosion test Clause 4.3.13: Radiation tests Clause 7.3.2: Surge test Clause 7.3.3: Impulse test Annex A: Flammability tests  EN 60950-1:2006, + A1 + A2 + A11 excluding:- 2.10.3.4: Transient voltage measurement 2.10.6.6: Abrasion resistance test 4.2.8: CRT implosion test 4.3.12: Flammable liquids test 4.3.13: Radiation tests Annex A: Flammability tests	B
Remote Power Feeding	2.3 Safety Tests	EN 60950-21:2003	B
Large Data Storage Equipment	2.4 Safety Tests	EN 60950-23:2006	B



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<b>Section 2 (cont'd)</b>	<b>2 Electrical Safety Tests (cont'd)</b>		
Measurement, Control and Laboratory Equipment	2.5 Safety Tests	EN 61010-1:2001 inc Amd A1 excluding:- 6.7.1.2: Tracking tests 11.7: Pressure equipment tests 12: Radiation measurements 13.2.3: CRT implosion test  16.2: Short circuit testing above 18 kVA  EN 61010-1:2010 excluding:- 6.7.2.1: Tracking and coating tests 9.3.1: Flammability tests 11.7: Fluid pressure tests 12: Radiation measurements 13.2.3: CRT implosion test 14.8: Flammability test on pcb's	B
Equipment for heating of materials	Safety tests	EN.61010-2-10:2003 EN61010-2-10:2014	
Testing and measuring circuits	Safety tests	EN 61010-2-30:2010 excluding:- Short circuit testing above 18kVA	
In-vitro diagnostic (IVD) medical equipment	Safety tests	EN 61010-2-101: 2014	





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<b>Section 2 (cont'd)</b>  Domestic Electronic Equipment	<b>2 Electrical Safety Tests (cont'd)</b>  2.6 Safety Tests	EN 60065:2002 inc Amds A1 & A12 EN 60065:2014 excluding:- 6.1: Ionising radiation 6.2: Laser radiation 6.3 UV measurements 8.1.8: Endurance test of wound components 10.3.2: Dielectric strength of sheet insulation 12.1.2: vibration test 13.4: Tracking test 14.2: RFI capacitor testing 16.3: Endurance test of flexible cords 18: CRT implosion test	B
Connectors  Fire hazard Testing : Glow wire testing: apparatus and common test procedure	2.7 Safety Tests  Safety tests	EN 60320-1: 2001, clause 23.7 only (pull and torque tests on connectors)  EN 60695-2-10:2013	B



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<b>Section 2 (cont'd)</b>  Fire hazard Testing : Glow wire testing of end products  Fire hazard Testing : Glow wire testing of materials for flammability index (GWFI)  Fire hazard Testing : Glow wire testing of materials for ignition temperature (GWIT)  Fire hazard testing: Ball Pressure test  Fire hazard testing: Needle flame test  Fire hazard testing: 50W Horizontal & vertical flame test  Fire hazard testing: 500 W flame test methods	<b>2 Electrical Safety Tests (cont'd)</b>  2.8 Safety Tests  Safety tests  Safety tests  Safety tests  Safety tests  Safety tests	EN 60695-2-11: 2014  EN 60695-2-12:2010 + A1  EN 60695-2-13:2010 + A1  EN 60695-10-2:2014  EN 60695-11-5:2005  EN60695-11-10:2013  EN 60695-11-20:1999 EN 60695-11-20:2015	B
Household and Similar Electrical Appliances  General requirements	2.9 Electrical safety Safety tests on Single Phase Equipment only	EN 60335-1:2002 inc Amds A1 A2 A11 and A12 EN 60335-1:2012 excluding:- 22.32: Oxygen bomb test 22.46: software class B and C 22.47: Back siphonage 24.5: Capacitors 29.2: Tracking test	B



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<b>Section 2 (cont'd)</b>	<b>2 Electrical Safety Tests (cont'd)</b>		
Household and Similar Electrical Appliances  Vacuum cleaners and water suction cleaning devices Excluding:- Tests on motorised cleaning heads	2.10 Electrical safety	EN 60335-2-2:2003 Amds A1 & A2 EN 60335-2-2:2010 Amd A11 EN 60335-2-2:2010 +A1:2013 excluding:- non-SELV power hoses	B
Particular requirements for electric irons	2.11 Electrical safety	EN 60335-2-3:2002 +A11:2010	B
Appliances for heating liquids	2.12 Electrical safety	EN 60335-2-15:2002 + A1 + A2 + A11	B
Particular requirements for appliances for skin or hair care	2.13 Electrical safety	EN 60335-2-23:2003 inc Amds A1 and A11 EN 60335-2-23:2003 +AC:2015 excluding: helmet-type hairdryers	B
Commercial electric forced convection ovens, steam cookers and steam-convection ovens	2.14 Electrical safety	EN 60335-2-42:2003 Amd A11	B
Portable heating tools and similar appliances	2.15 Electrical safety	EN 60335-2-45:2002 Amd A2	B



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>Section 2 (cont'd)</b>	<b>2 Electrical Safety Tests (cont'd)</b>		
Surface-cleaning appliances employing liquids	2.16 Electrical safety	EN 60335-2-54:2003 inc Amds A1 and A11 EN 60335-2-54:2008 +A11 excluding:- 21.101 to 21.105: Current carrying hoses	B
Particular requirements for insect killers	2.17 Electrical safety	EN 60335-2-59:2003 + A2: 2009	B
Household and similar electrical appliances. Safety. Particular requirements for floor treatment machines for commercial use	2.18 Electrical safety	EN 60335-2-67:2012 excluding: Current carrying hoses; Combustion Engines; Annex BB; Annex DD.	B
Household and similar electrical appliances. Safety. Particular requirements for spray extraction machines, for commercial use	2.19 Electrical safety	EN 60335-2-68:2012 excluding:- Current carrying hoses Annex FF	B
Household and similar electrical appliances. Safety. Particular requirements for wet and dry vacuum cleaners, including power brush for commercial use.	2.20 Electrical safety	EN 60335-2-69: 2012 excluding: Current carrying hoses ANNEX AA ANNEX CC ANNEX DD ANNEX FF	B



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<b>Section 2 (cont'd)</b>	<b>2 Electrical Safety Tests (cont'd)</b>		
Automatic machines for floor treatment for commercial and industrial use	2.21 Electrical safety	EN.60335-2-72:2012 excluding:- Non-electrical powered machines Hoppers, FOPS and internal combustion machines.	B
High pressure cleaners and steam cleaners	2.22 Electrical safety	EN 60335-2-80:2003, Amds 1 & 2	B
Fabric steamers	2.24 Electrical safety	EN 60335-2-85:2003, Amds 1	B
Gas, oil and solid fuel-burning	2.25 Electrical safety	EN 60335-2-102:2006 + A1:2010	B
Enclosures for electrical equipment	3.0 Safety Tests		B



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	<p><b>INGRESS PROTECTION TESTS</b></p> <p>IP1X Protected against solid objects greater than 50 mm diameter</p> <p>IP2X Protected against solid objects greater than 12 mm diameter</p> <p>IP3X Protected against solid objects greater than 2.5 mm diameter</p> <p>IP4X Protected against solid objects greater than 1.0 mm diameter</p> <p>IP5X Dust Protected Excluding: Objects greater than 1000 x 1000 x 1000mm</p> <p>IP6X Dust Tight Excluding: Objects greater than 1000 x 1000 x 1000mm</p> <p>IPX1 Protected against dripping water</p> <p>IPX2 Protected against dripping water when tilted up to 15°</p> <p>IPX3 Protected against spraying water</p> <p>IPX4 Protected against splashing water</p> <p>IPX5 Protected against water jets</p> <p>IPX6 Protected against heavy seas</p> <p>IPX7 Protected against the effects of immersion Excluding: Objects greater than Ø 400 x 950 mm</p> <p>IPX8 Protected against submersion Excluding: Objects greater than Ø 400 x 950 mm</p>		B



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>Section 3</b>	<b>Safety - Electrical, Mechanical and Thermal Tests</b>		
Luminaires up to 1000V	Safety tests	IEC / BS EN 60598-1:2008 + A11 EN 60598-1:2015 excluding:- Clauses 4.20, 4.24, 4.26 and 13.4.1	B
Fixed luminaires	Safety tests	BS 4533:Section 102.1:1990 IEC / EN 60598-2-1:1989	B
Recessed luminaires	Safety tests	IEC / BS EN 60598-2-2:2012	B
Road and street lighting	Safety tests	IEC / BS EN 60598-2-3:+A1 2012	B
Portable luminaires	Safety tests	IEC / BS EN 60598-2-4:1998	B
Luminaires with built in transformers for filament lamps	Safety tests	IEC / BS EN 60598-2-6:1994	B
Flood lights	Safety tests	IEC / BS EN 60598-2-5:1998 EN 60598-2-5:2015	B
Ground recessed luminaires	Safety tests	IEC / BS EN 60598-2-13:2006 + A1 Excluding:- Clause 13.6.1 and 13.6.2	B
Luminaires in clinical areas of hospitals and health care buildings	Safety tests	IEC / BS EN 60598-2-25:1998 + A1	B



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>Section 3 (cont'd)</b>  Stage and studio luminaires	Safety tests	BS 4533-1-2.17:1990 IEC / BS EN 60598-2-17:1989+ A1 +A2	B
<b>Section 4</b>  Supply track systems for luminaires	Safety tests	BS EN 60570:2003	B
Lamp control gear – General and safety requirements	dc supplies up to 250V ac supplies up to 1000V 50/60Hz	IEC / BS EN 61347-1:2008 + A1 + A2 EN 61347-1:2015  Excluding: Clause 18.4, 18.5 and Annex B and N4.3.2 of Annex N	B
Control gear for LED modules	Safety tests	IEC / BS EN 61347-2-13:2006 IEC / EN 61347-2-13:2014	B
Self ballasted LED lamps >50 for general lighting	dc supplies up to 250V ac supplies up to 1000V 50/60Hz	IEC / BS EN 62031:2008 + A1 EN 62031:2008 + A2: 2015 Excluding: Clause 18.4, 18.5 and 22	B
dc and ac supplied electronic control gear for LED modules – performance requirements	Safety tests	IEC / BS EN 62384:2006 + A1 2009 Excluding: Clause 11	B





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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>Section 5</b>  Medical electrical equipment Part 1: General requirements for basic safety and essential performance   Medical electrical equipment Part 2-10: Particular requirements for the safety of nerve and muscle stimulators   Electrical equipment for connection to Unmetered Supplies	<b>Electrical testing</b>  Safety tests	EN 60601-1:2006 + A1 Excluding: - Clause 8.8.4.2, 8.9.1.7, 9.5.2, 9.6.3, 9.7.5, 10.1, 10.4, 11.2.2 11.2.3, 15.4.3.4, Annex G and Annex L  IEC 60601-1:2005 + A1	B
	Safety tests	EN 60601-2-10:2001 + A1 IEC 60601-2-10:2000 + A1	B
	Voltage Current Power Volt-amperes Resistance Efficiency	ELEXON testing procedure for issue of a charge code for new apparatus	B



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Electrical and electronic equipment measurements in relation to energy	<b>Voltage</b>  <b>Current</b> <b>Frequency</b> <b>Active Power</b> <b>Apparent Power</b> <b>Power Factor</b> <b>Crest Factor</b> <b>Total Harmonic Distortion</b>	<b>POWER MEASUREMENTS FOR ERP DIRECTIVE</b>  <b>COMMISSION REGULATION (EC) No 1275/2008</b>  Specific to Standby and off mode losses of electrical and electronic equipment (household and office).  EN 50564: 2011 Electrical and electronic household and office equipment – Measurement of low power consumption.  COMMISSION REGULATION (EC) No 278/2009 Ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies.  EN 50563: 2011 External a.c. – d.c. and a.c. power supplies – Determination of no-load power and average efficiency of active modes	B

NOTE:- Where EN standards have exact equivalents in BS, BS EN or IEC Standards; these are also included in the accreditation.



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	<div>EMC Facilities:</div> <table><tr><th>EUT Size (m)</th><th>EUT Weight (kg)</th><th>EUT Power</th></tr><tr><td>SAC1: 2(w) x 2.8(h) x 2.2(l)</td><td>2000</td><td rowspan="3">240/415V AC 50Hz 32A 120V(32A)/208V(16A) AC 60Hz</td></tr><tr><td>SAC2: 2(w) x 2(h) x 1(l)</td><td>500</td></tr><tr><td>OATS: 3(w) x 3(h) x 3(l)</td><td>2000</td></tr></table>		EUT Size (m)	EUT Weight (kg)	EUT Power	SAC1: 2(w) x 2.8(h) x 2.2(l)	2000	240/415V AC 50Hz 32A 120V(32A)/208V(16A) AC 60Hz	SAC2: 2(w) x 2(h) x 1(l)	500	OATS: 3(w) x 3(h) x 3(l)	2000	A																																													
EUT Size (m)	EUT Weight (kg)	EUT Power																																																								
SAC1: 2(w) x 2.8(h) x 2.2(l)	2000	240/415V AC 50Hz 32A 120V(32A)/208V(16A) AC 60Hz																																																								
SAC2: 2(w) x 2(h) x 1(l)	500																																																									
OATS: 3(w) x 3(h) x 3(l)	2000																																																									
	<div>Safety Facilities:</div> <div>Max EUT Size (m): 3.9(width) x 3.7(height) x 5(length)</div> <div>Max EUT Weight: 2000kg</div> <div>Temperature and Humidity chambers</div> <table><tr><th>EUT Size (m)</th><th>EUT Weight (kg)</th></tr><tr><td>1.43(w) x 2(h) x 0.78(l)</td><td>250</td></tr><tr><td>0.4(w) x 0.48(h) x 0.36(l)</td><td>40</td></tr><tr><td>0.4(w) x 0.4(w) x 0.4(l)</td><td>80</td></tr><tr><td>1(w) x 1(h) x 1(l)</td><td>40</td></tr><tr><td>0.6(w) x 0.6(h) x 0.6(d)</td><td>40</td></tr></table> <div>Environmental chambers</div> <table><tr><th>Test</th><th>EUT Size (m)</th><th>EUT Weight (kg)</th></tr><tr><td>Dust Ingress</td><td>0.8(w) x 0.8(h) x 0.8(l)</td><td>80</td></tr><tr><td>Water Ingress (spray/droplets)</td><td>0.4(w) x 0.4(h) x 0.4(l)</td><td>40</td></tr><tr><td>Water ingress (jet hose)</td><td>1(w) x 1.5(h) x 1(l)</td><td>2000</td></tr><tr><td>Water ingress (immersion)</td><td>0.4(dia) x 0.95(l)</td><td>150</td></tr><tr><td>Salt Spray</td><td>0.8(w) x 0.5(h) x 1.2(l)</td><td>20</td></tr></table> <div>AC Electrical Power Supplies</div> <table><tr><th>Single Phase</th><th>Three-Phase</th><th>Split-Phase</th></tr><tr><td>35kVA 50Hz 100/200/220/230/240V</td><td>115kVA 50Hz 415V</td><td rowspan="2">4kVA 50Hz 110(55/55) 460(230/230)V</td></tr><tr><td>4kVA 60Hz 110/120/200/220/277/ 347V</td><td>70kVA 50Hz 100/200/380/400V</td></tr><tr><td>4kVA 50/60/400Hz 0 to 300V</td><td>4kVA 60Hz 110/208/220/400/440/480/600V</td><td>4kVA 60Hz 240(120/120)V</td></tr></table> <div>DC Electrical Power Supplies</div> <table><tr><th>Voltage</th><th>Current</th></tr><tr><td>0 to 40V(70V)</td><td>up to 200A(10A)</td></tr><tr><td>0 to 3000V</td><td>up to 3A</td></tr></table> <div>Utilities</div> <table><tr><th>Water &amp; Drainage</th><th>Natural Gas</th><th>Test Gases</th><th>Air</th></tr><tr><td>up to 6bar</td><td>6m<sup>3</sup>/hour at 22mbar</td><td>BOC to order</td><td>300l/min at 8bar</td></tr></table>		EUT Size (m)	EUT Weight (kg)	1.43(w) x 2(h) x 0.78(l)	250	0.4(w) x 0.48(h) x 0.36(l)	40	0.4(w) x 0.4(w) x 0.4(l)	80	1(w) x 1(h) x 1(l)	40	0.6(w) x 0.6(h) x 0.6(d)	40	Test	EUT Size (m)	EUT Weight (kg)	Dust Ingress	0.8(w) x 0.8(h) x 0.8(l)	80	Water Ingress (spray/droplets)	0.4(w) x 0.4(h) x 0.4(l)	40	Water ingress (jet hose)	1(w) x 1.5(h) x 1(l)	2000	Water ingress (immersion)	0.4(dia) x 0.95(l)	150	Salt Spray	0.8(w) x 0.5(h) x 1.2(l)	20	Single Phase	Three-Phase	Split-Phase	35kVA 50Hz 100/200/220/230/240V	115kVA 50Hz 415V	4kVA 50Hz 110(55/55) 460(230/230)V	4kVA 60Hz 110/120/200/220/277/ 347V	70kVA 50Hz 100/200/380/400V	4kVA 50/60/400Hz 0 to 300V	4kVA 60Hz 110/208/220/400/440/480/600V	4kVA 60Hz 240(120/120)V	Voltage	Current	0 to 40V(70V)	up to 200A(10A)	0 to 3000V	up to 3A	Water & Drainage	Natural Gas	Test Gases	Air	up to 6bar	6m <sup>3</sup> /hour at 22mbar	BOC to order	300l/min at 8bar	B
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