



【特點】

- 可與華儀儀器的安規測試器連結；組成安規六合一 (ACW / DCW / IR / GB / RUN / LLT) 測試系統
- 超大型 320 x 240 Graphic LCD，可同時顯示量測電壓 / 接觸電流及測試時間
- 量測頻寬 DC, 15 - 1MHz 完全符合 IEC60990 接觸電流測試規範
- 可量測最大峰值 70mApeak / 有效值 35mArms，滿足安規機構測試驗證需求(選購)
- 內建 7 組人體模擬阻抗 (MD) 且可擴充一組，一台儀器就可以滿足多種安規標準要求
- MD 具有 BNC 量測端子，可外接示波器或電壓錶讀取 MD 電壓值，方便對 MD 進行校準
- 人體模擬阻抗 (MD) 的校準方式，可以完全符合 IEC60990 標準規定進行
- 可靈活選擇 MD 漏電流量測點 (如: IEC60065 U1 & U2)；符合安規標準要求
- 負載最大容量為 10KVA / 40Arms，允許啟動瞬間承受 250Apeak 不切斷保護
- 可選購產品電氣性能量測模組 (RUN Test Module)，可量測功率 / 電壓 / 電流 / 功率因數
- 可選購多功能界面卡內含 USB-A 資料收集功能，內部記憶可儲存至少 10 萬筆的測試結果
- 可量測 MD 兩端的電壓 (MDV)
- 於測試結果可儲存過程中最大電流 (Imax)
- 接觸電流可選購 AC / DC / AC+DC 量測

【Features】

- Link with other EXTECH safety tester to form a 6-in-1 safety test system. (ACW / DCW / IR / GB / RUN / TC)
- Enhanced 320 x 240 Graphic LCD display. Display the measured voltage, touch current and test time in the screen at the same time.
- Wide measurement bandwidth DC, 15 - 1MHZ. Completely satisfy the requirement of IEC 60990.
- Optional max touch current of measure in IEC60065. Max measurement of touch current is 70mA peak / 35mA RMS.
- Built-in 7 kinds of common measuring devices and an external MD circuit connection also available. The tester is full compliance to various agencies standard.
- With BNC port MD can be linked with other meters with external voltage meter or oscillograph it is convenient for verifying the circuit of MD.
- Able to verify MD circuit directly and conveniently. This function is in accordance with the requirement of IEC 60990.
- Selectable measurement points of the MD leakage current example IEC 60065 requirement to measure U1 & U2.
- Max capacity of load is 10KVA / 40A RMS. Allow to endure a 250A peak current instead of being shortcut to protect.
- Run Test Module is optional. Able to measure power, voltage, current, power factor.
- Built-in USB-A interface, it is convenient for clients that the tester can storage 100 thousand records of datum.
- MD Voltage Display for measuring the voltage drop across the measuring device.
- I-Max Leakage Current Display to record maximum leakage current detected during an LLT.
- AC, DC, AC+DC Leakage Current Display Capability in TCT. (option)

Touch Current Tester

【Specification】

MODEL		7630					
INPUT							
Voltage	115 / 230 VAC ± 15%						
Frequency	50 / 60 Hz ± 5%						
Current	max. 2A						
Line Condition							
Power Switch	Reverse polarity switch for normal condition (on / off / auto setting)						
Neutral Switch	Neutral switch on / off selection for single fault condition						
Ground Switch	Ground switch on / off selection for class I single fault condition						
Probe Setting							
Surface to Surface (PH - PL)							
Surface to Line (PH - L)							
Ground to Line (G - L)							
Ground to Neutral (G - N)							
Auto Function (G - N & G - L)							
SETTING							
Touch Current High / Low Limit (AC + DC)	Range	0.0uA - 999.9uA / 1000uA - 9999uA / 10.00mA - 20.00mA					
	Resolution	0.1uA / 1uA / 0.01mA					
Touch Current High / Low Limit (AC)	Range	0.0uA - 999.9uA / 1000uA - 9999uA / 10.00mA - 20.00mA					
	Resolution	0.1uA / 1uA / 0.01mA					
Touch Current High / Low Limit (DC)	Range	0.0uA - 999.9uA / 1000uA - 9999uA / 10.00mA - 20.00mA					
	Resolution	0.1uA / 1uA / 0.01mA					
Touch Current High / Low Limit (Peak)	Range	0.0uA - 999.9uA / 1000uA - 9999uA / 10.00mA - 30.00mA					
	Resolution	0.1uA / 1uA / 0.01mA					
DISPLAY							
Touch Current & I _{max} Display (RMS)	Auto Range	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ		
		Range 1	0.0uA - 64.0uA	0.0uA - 32.0uA	0.0uA - 22.0uA		
		Resolution	0.1uA	0.1uA	0.1uA		
		Range 2	56.0uA - 260.0uA	28.0uA - 130.0uA	18.3uA - 85.0uA		
		Resolution	0.1uA	0.1uA	0.1uA		
		Range 3	240.0uA - 999.9uA, 1000uA - 1050uA	120.0uA - 525.0uA	80.0uA - 350.0uA		
		Resolution	0.1uA / 1uA	0.1uA	0.1uA		
		Range 4	800.0uA - 999.9uA, 1000 - 4200uA	400.0uA - 999.9uA, 1000uA - 2100uA	266.6uA - 999.9uA, 1000uA - 1400uA		
		Resolution	0.1uA / 1uA	0.1uA / 1uA	0.1uA / 1uA		
		Range 5	3600uA - 8399uA, 8.4mA - 16.80mA	1800uA - 8400uA	1200uA - 5600uA		
		Resolution	1uA / 0.01mA	1uA	1uA		
		Range 6	16.00mA - 20.00mA	8000uA - 8399uA, 8.40mA - 20.00mA	5300uA - 8399uA, 8.40mA - 20.00mA		
		Resolution	0.01mA	1uA / 0.01mA	1uA / 0.01mA		
		Accuracy (AC + DC)					
		Range 1 - 5 ^{*1}	DC : ± 2% of reading + 3 counts				
			15Hz < f < 100kHz : ± 2% of reading + 3 counts				
			100kHz < f < 1MHz : ± 5% of reading (> 10.0uA)				
		Range 6 ^{*1}	DC, 15Hz < f < 100KHz : ± 5% of reading (> 10.0uA)				
	Accuracy (AC) ^{*2}						
	Range 1 - 5 ^{*1}	15Hz < f < 30Hz : ± 3% of reading + 5 counts					
		30Hz < f < 100kHz : ± 2% of reading + 3 counts					
		100kHz < f < 1MHz : ± 5% of reading (> 10.0uA)					
	Range 6 ^{*1}	15Hz < f < 100kHz : ± 5% of reading (> 10.0uA)					
	Accuracy (DC) ^{*3}						
	Range 1 - 5 ^{*1}	DC : ± 2% of reading + 3 counts (> 10.0uA)					
	Range 6 ^{*1}	DC : ± 5% of reading (> 10.0uA)					
	Fixed Range > 6% of Range	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ		
		Range 1	0.0uA - 64.0uA	0.0uA - 32.0uA	0.0uA - 22.0uA		
Resolution		0.1uA	0.1uA	0.1uA			
Range 2		15.6uA - 260.0uA	7.8uA - 130.0uA	5.1uA - 85.0uA			

Touch Current Tester

MODEL		7630					
DISPLAY							
Touch Current & I _{max} Display (RMS)	Fixed Range > 6% of Range	Resolution	0.1uA	0.1uA	0.1uA		
		Range 3	63uA - 1050uA	31.5uA - 525.0uA	21.0uA - 350.0uA		
		Resolution	1uA	0.1uA	0.1uA		
		Range 4	252uA - 4200uA	126uA - 2100uA	84uA - 1400uA		
		Resolution	1uA	1uA	1uA		
		Range 5	1008uA - 8399uA, 8.4mA - 16.80mA	504uA - 8400uA	336uA - 5600uA		
		Resolution	1uA / 0.01mA	1uA	1uA		
		Range 6	1200uA - 8399uA, 8.40mA - 20.00mA	1200uA - 8399uA, 8.40mA - 20.00mA	1200uA - 8399uA, 8.40mA - 20.00mA		
		Resolution	1uA / 0.01mA	1uA / 0.01mA	1uA / 0.01mA		
		Accuracy (AC + DC)					
		Range 1 - 5* ¹	DC, 15Hz < f < 100kHz : ± 2% of reading + 3 counts 100kHz < f < 1MHz : ± 5% of reading (> 10.0uA)				
		Range 6* ¹	DC, 15Hz < f < 100kHz : ± 5% of reading (> 10.0uA)				
		Accuracy (AC)* ²					
		Range 1 - 5* ¹	15Hz < f < 30Hz : ± 3% of reading + 5 counts 30Hz < f < 100kHz : ± 2% of reading + 3 counts 100kHz < f < 1MHz : ± 5% of reading (> 10.0uA)				
		Range 6* ¹	15Hz < f < 100kHz : ± 5% of reading (> 10.0uA)				
		Accuracy (DC)* ³					
		Range 1 - 5* ¹	DC : ± 2% of reading + 3 counts (> 10.0uA)				
		Range 6* ¹	DC : ± 5% of reading (> 10.0uA)				
	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ			
	Range 1	N / A	N / A	N / A			
	Resolution	N / A	N / A	N / A			
	Range 2	0.0uA - 15.6uA	0.0uA - 7.8uA	0.0uA - 5.1uA			
	Resolution	0.1uA	0.1uA	0.1uA			
	Range 3	0uA - 63uA	0.0uA - 31.5uA	0.0uA - 21.0uA			
	Resolution	1uA	0.1uA	0.1uA			
	Range 4	0uA - 252uA	0uA - 126uA	0uA - 84uA			
	Resolution	1uA	1uA	1uA			
	Range 5	0uA - 1008uA	0uA - 504uA	0uA - 336uA			
	Resolution	1uA	1uA	1uA			
	Range 6	0uA - 1200uA	0uA - 1200uA	0uA - 1200uA			
	Resolution	1uA	1uA	1uA			
	Accuracy (AC + DC)						
	Range 1 - 5* ¹	DC, 15Hz < f < 100kHz : (± 2% of reading + 3 counts) + (2% of reading + 0.2% of range) 100kHz < f < 1MHz : (± 5% of reading (> 10.0uA)) + (2% of reading + 0.5% of range)					
Range 6* ¹	DC, 15Hz < f < 100kHz : (± 5% of reading (> 10.0uA)) + (2% of reading + 0.2% of range)						
Accuracy (AC)* ²							
Range 1 - 5* ¹	15Hz < f < 30Hz : (± 3% of reading + 5 counts) + (2% of reading + 0.2% of range) 30Hz < f < 100kHz : (± 2% of reading + 3 counts) + (2% of reading + 0.2% of range) 100kHz < f < 1MHz : (± 5% of reading (> 10.0uA)) + (2% of reading + 0.5% of range)						
Range 6* ¹	15Hz < f < 100kHz : (± 5% of reading (> 10.0uA)) + (2% of reading + 0.2% of range)						
Accuracy (DC)* ³							
Range 1 - 5* ¹	DC : (± 2% of reading + 3 counts (> 10.0uA)) + (2% of reading + 0.2% of range)						
Range 6* ¹	DC : (± 5% of reading (> 10.0uA)) + (2% of reading + 0.2% of range)						
Touch Voltage Display (RMS)	Auto Range	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ		
		Range 1	0.0mV - 32.0mV	0.0mV - 32.0mV	0.0mV - 32.0mV		
		Resolution	0.1mV	0.1mV	0.1mV		
		Range 2	28.0mV - 130.0mV	28.0mV - 130.0mV	28.0mV - 130.0mV		
		Resolution	0.1mV	0.1mV	0.1mV		
		Range 3	120.0mV - 525.0mV	120.0mV - 525.0mV	120.0mV - 525.0mV		
		Resolution	0.1mV	0.1mV	0.1mV		

Touch Current Tester

MODEL		7630					
DISPLAY							
Touch Voltage Display (RMS)	Auto Range	Range 4	400.0mV - 999.9mV, 1000mV - 2100mV	400.0mV - 999.9mV, 1000mV - 2100mV	400.0mV - 999.9mV, 1000mV - 2100mV		
		Resolution	0.1mV / 1mV	0.1mV / 1mV	0.1mV / 1mV		
		Range 5	1800mV - 8400mV	1800mV - 8400mV	1800mV - 8400mV		
		Resolution	1mV	1mV	1mV		
		Range 6	8000mV - 8399mV, 8.40V - 10.00V	8000mV - 8399mV, 8.40V - 20.00V	8000mV - 8399mV, 8.40V - 30.00V		
		Resolution	1mV / 0.01V	1mV / 0.01V	1mV / 0.01V		
		Accuracy (AC + DC)					
		Range 1 - 5* ¹	DC : ± 2% of reading + 3 counts				
			15Hz < f < 100kHz : ± 2% of reading + 3 counts				
			100kHz < f < 1MHz : ± 5% of reading (> 10.0mV)				
		Range 6* ¹	DC, 15Hz < f < 100kHz : ± 5% of reading (> 10.0mV)				
		Accuracy (AC) ²					
		Range 1 - 5* ¹	15Hz < f < 30Hz : ± 3% of reading + 5 counts				
			30Hz < f < 100kHz : ± 2% of reading + 3 counts				
			100kHz < f < 1MHz : ± 5% of reading (> 10.0mV)				
		Range 6* ¹	15Hz < f < 100kHz : ± 5% of reading (> 10.0mV)				
		Accuracy (DC) ³					
		Range 1 - 5* ¹	DC : ± 2% of reading + 3 counts (> 10.0mV)				
	Range 6* ¹	DC : ± 5% of reading (> 10.0mV)					
	Fixed Range > 6% of Range	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ		
		Range 1	0.0mV - 32.0mV	0.0mV - 32.0mV	0.0mV - 32.0mV		
		Resolution	0.1mV	0.1mV	0.1mV		
		Range 2	7.8mV - 130.0mV	7.8mV - 130.0mV	7.8mV - 130.0mV		
		Resolution	0.1mV	0.1mV	0.1mV		
		Range 3	31mV - 525mV	31.5mV - 525.0mV	31.5mV - 525.0mV		
		Resolution	1mV	0.1mV	0.1mV		
		Range 4	126mV - 2100mV	126mV - 2100mV	126mV - 2100mV		
		Resolution	1mV	1mV	1mV		
		Range 5	504mV - 8400mV	504mV - 8400mV	504mV - 8400mV		
		Resolution	1mV	1mV	1mV		
		Range 6	600mV - 8399mV, 8.40V - 10.00V	1200mV - 8399mV, 8.40V - 20.00V	1800mV - 8399mV, 8.40V - 30.00V		
		Resolution	1mV / 0.01V	1mV / 0.01V	1mV / 0.01V		
		Accuracy (AC + DC)					
		Range 1 - 5* ¹	DC, 15Hz < f < 100kHz : ± 2% of reading + 3 counts				
			100kHz < f < 1MHz : ± 5% of reading (> 10.0mV)				
		Range 6* ¹	DC, 15Hz < f < 100kHz : ± 5% of reading (> 10mV)				
Accuracy (AC) ²							
Range 1 - 5* ¹	15Hz < f < 30Hz : ± 3% of reading + 5 counts						
	30Hz < f < 100kHz : ± 2% of reading + 3 counts						
	100kHz < f < 1MHz : ± 5% of reading (> 10.0mV)						
Range 6* ¹	15Hz < f < 100kHz : ± 5% of reading (> 10mV)						
Accuracy (DC) ³							
Range 1 - 5* ¹	DC : ± 2% of reading + 3 counts (> 10.0mV)						
Range 6* ¹	DC : ± 5% of reading (> 10mV)						
Fixed Range < 6% of Range	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ			
	Range 1	N / A	N / A	N / A			
	Resolution	N / A	N / A	N / A			
	Range 2	0.0mV - 7.8mV	0.0mV - 7.8mV	0.0mV - 7.8mV			
	Resolution	0.1mV	0.1mV	0.1mV			
	Range 3	0mV - 31mV	0.0mV - 31.5mV	0.0mV - 31.5mV			
	Resolution	1mV	0.1mV	0.1mV			
	Range 4	0mV - 126mV	0mV - 126mV	0mV - 126mV			
Resolution	1mV	1mV	1mV				

Touch Current Tester

MODEL		7630				
DISPLAY						
Touch Voltage Display (RMS)	Fixed Range < 6% of Range	Range 5	0mV - 504mV	0mV - 504mV	0mV - 504mV	
		Resolution	1mV	1mV	1mV	
		Range 6	0mV - 600mV	0mV - 1200mV	0mV - 1800mV	
		Resolution	1mV	1mV	1mV	
		Accuracy (AC + DC)				
		Range 1 - 5 ^{*1}	DC, 15Hz < f < 100kHz : (± 2% of reading + 3 counts) + (2% of reading + 0.2% of range)			
			100kHz < f < 1MHz : (± 5% of reading (> 10.0mV)) + (2% of reading + 0.5% of range)			
		Range 6 ^{*1}	DC, 15Hz < f < 100kHz : (±5% of reading (> 10mV)) + (2% of reading + 0.2% of range)			
		Accuracy (AC) ^{*2}				
		Range 1 - 5 ^{*1}	15Hz < f < 30Hz : (± 3% of reading + 5 counts) + (2% of reading + 0.2% of range)			
			30Hz < f < 100kHz : (± 2% of reading + 3 counts) + (2% of reading + 0.2% of range)			
			100kHz < f < 1MHz : (± 5% of reading (> 10.0mV)) + (2% of reading + 0.5% of range)			
		Range 6 ^{*1}	15Hz < f < 100kHz : (± 5% of reading (> 10mV)) + (2% of reading + 0.2% of range)			
		Accuracy (DC) ^{*3}				
		Range 1 - 5 ^{*1}	DC : (± 2% of reading + 3 counts (> 10.0mV)) + (2% of reading + 0.2% of range)			
		Range 6 ^{*1}	DC : (± 5% of reading (> 10mV)) + (2% of reading + 0.2% of range)			
Touch Voltage Display (Peak)	Auto Range	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ	
		Range 1	0.0mV - 32.0mV	0.0mV - 32.0mV	0.0mV - 32.0mV	
		Resolution	0.1mV	0.1mV	0.1mV	
		Range 2	28.0mV - 130.0mV	28.0mV - 130.0mV	28.0mV - 130.0mV	
		Resolution	0.1mV	0.1mV	0.1mV	
		Range 3	120.0mV - 525.0mV	120.0mV - 525.0mV	120.0mV - 525.0mV	
		Resolution	0.1mV	0.1mV	0.1mV	
		Range 4	400.0mV - 999.9mV, 1000mV - 2100mV	400.0mV - 999.9mV, 1000mV - 2100mV	400.0mV - 999.9mV, 1000mV - 2100mV	
		Resolution	0.1mV / 1mV	0.1mV / 1mV	0.1mV / 1mV	
		Range 5	1800mV - 8400mV	1800mV - 8400mV	1800mV - 8400mV	
		Resolution	0.1mV / 1mV	0.1mV / 1mV	0.1mV / 1mV	
		Range 6	8000mV - 8399mV, 8.40V - 15.00V	8000mV - 8399mV, 8.40V - 30.00V	8000mV - 8399mV, 8.40V - 45.00V	
	Resolution	1mV / 0.01V	1mV / 0.01V	1mV / 0.01V		
	Accuracy (AC + DC)					
	Range 1 - 5 ^{*1}	DC : ± 2% of reading + 3 counts				
		15Hz < f < 1MHz : ± 10% of reading + 2mV				
	Range 6 ^{*1}	DC : ± 2% of reading + 3 counts				
		15Hz < f < 100kHz : ± 10% of reading + 2 counts				
	Accuracy (AC) ^{*2}					
	Range 1 - 5 ^{*1}	15Hz < f < 1MHz : ± 10% of reading + 2mV				
	Range 6 ^{*1}	15Hz < f < 100kHz : ± 10% of reading + 2 counts				
	Fixed Range > 6% of Range	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ	
		Range 1	0.0mV - 32.0mV	0.0mV - 32.0mV	0.0mV - 32.0mV	
		Resolution	0.1mV	0.1mV	0.1mV	
Range 2		7.8mV - 130.0mV	7.8mV - 130.0mV	7.8mV - 130.0mV		
Resolution		0.1mV	0.1mV	0.1mV		
Range 3		31mV - 525mV	31.5mV - 525.0mV	31.5mV - 525.0mV		
Resolution		1mV	0.1mV	0.1mV		
Range 4		126mV - 2100mV	126mV - 2100mV	126mV - 2100mV		
Resolution		1mV	1mV	1mV		
Range 5		504mV - 8400mV	504mV - 8400mV	504mV - 8400mV		
Resolution		1mV	1mV	1mV		
Range 6		900mV - 8399mV, 8.40V - 15.00V	1800mV - 8399mV, 8.40V - 30.00V	2700mV - 8399mV, 8.40V - 45.00V		
Resolution	1mV / 0.01V	1mV / 0.01V	1mV / 0.01V			
Accuracy (AC + DC)						
Range 1 - 5 ^{*1}	DC : ± 2% of reading + 2mV					
	15Hz < f < 100kHz : ± 10% of reading + 2mV					
	100kHz < f < 1MHz : ± 10% of reading + 2mV					

Touch Current Tester

MODEL		7630				
DISPLAY						
Touch Voltage Display (Peak)	Fixed Range > 6% of Range	Range 6* ¹	DC : ± 2% of reading + 3 counts			
			15Hz < f < 100kHz : ± 10% of reading + 2 counts			
		Accuracy (AC)* ²				
		Range 1 - 5* ¹	15Hz < f < 100kHz : ± 10% of reading + 2mV			
			100kHz < f < 1MHz : ± 10% of reading + 2mV			
		Range 6* ¹	15Hz < f < 100kHz : ± 10% of reading + 2 counts			
	Fixed Range < 6% of Range	Ranges	MD Major Resistance is 0.5KΩ	MD Major Resistance is 1KΩ	MD Major Resistance is 1.5KΩ	
		Range 1	N / A	N / A	N / A	
		Resolution	N / A	N / A	N / A	
		Range 2	0.0mV - 7.8mV	0.0mV - 7.8mV	0.0mV - 7.8mV	
		Resolution	0.1mV	0.1mV	0.1mV	
		Range 3	0mV - 31mV	0.0mV - 31.5mV	0.0mV - 31.5mV	
		Resolution	1mV	0.1mV	0.1mV	
		Range 4	0mV - 126mV	0mV - 126mV	0mV - 126mV	
		Resolution	1mV	1mV	1mV	
		Range 5	0mV - 504mV	0mV - 504mV	0mV - 504mV	
		Resolution	1mV	1mV	1mV	
		Range 6	0mV - 900mV	0mV - 1800mV	0mV - 2700mV	
		Resolution	1mV	1mV	1mV	
		Accuracy (AC + DC)				
		Range 1 - 5* ¹	DC : (± 2% of reading + 2mV) + (2% of reading + 0.2% of range)			
			15Hz < f < 100kHz : (± 10% of reading + 2mV) + (2% of reading + 0.2% of range)			
			100kHz < f < 1MHz : (± 10% of reading + 2mV) + (2% of reading + 0.5% of range)			
		Range 6* ¹	DC : (± 2% of reading + 3 counts) + (2% of reading + 0.2% of range)			
15Hz < f < 100kHz : (± 10% of reading + 2counts) + (2% of reading + 0.2% of range)						
Accuracy (AC)* ²						
Range 1 - 5* ¹	15Hz < f < 100kHz : (± 10% of reading + 2mV) + (2% of reading + 0.2% of range)					
	100kHz < f < 1MHz : (± 10% of reading + 2mV) + (2% of reading + 0.5% of range)					
Range 6* ¹	15Hz < f < 100kHz : (± 10% of reading + 2 counts) + (2% of reading + 0.2% of range)					
Measuring Device Module						
Standard No.	MD No.	standard MD	Opt.754	Opt.789		
IEC60990 Fig4 U2	MD1	YES	YES	YES		
IEC60990 Fig5 U3	MD2	YES	YES	YES		
IEC 60601-1	MD3	YES	YES	-		
UL544NP	MD4	YES	YES	YES		
UL544P	MD5	YES	-	-		
UL1563	MD6	YES	-	YES		
JIS C9250	MD7	-	-	YES		
General-purpose1 (1KΩ)	MD8	-	-	YES		
General-purpose2 (2KΩ)	MD9	-	-	YES		
External MD & Frequency check	Basic measuring element 1kΩ			-		
MD Components	Accuracy : Capacitor : ± 5%; Resistance : ± 1%					
MD Voltage Limit	Maximum 70 Vpeak or 70 VDC					
Leakage Current Offset	Range : 0 - 999.9uA; Resolution : 0.1uA					
DUT POWER						
AC Voltage	0.0 - 277.0V					
AC Current	40Arms max continuous					
Over Current Protection	50Arms, Response Time < 2 sec / 250Apeak Response Time < 10 usec					
AC Voltage High / Low Limit	Range	0.0 - 277.0V				
	Resolution	0.1V / step				
AC Voltage Display	Range	0.0 - 277.0 V				
	Resolution	0.1V / step				
	Accuracy	± (1.5% of reading + 2 counts) , 30.0 - 277.0VAC				
Delay time setting	Range	0.5 - 999.9s for AC + DC; 1.8 - 999.9s for AC / DC only Auto range; 1.3 - 999.9s for AC / DC only Fixed range				
	Resolution	0.1s				

Touch Current Tester

MODEL		7630
DUT POWER		
Dwell time setting	Range	0, 0.5 - 999.9s for AC + DC, (0 = continuous); 0, 0.1 - 999.9s for AC / DC only, (0 = continuous)
	Resolution	0.1s
Timer display	Range	0.0 - 999.9s
	Resolution	0.1s
	Accuracy	± (0.1% of reading + 0.05 sec)
GENERAL		
PLC Remote Control	Input : Test, Reset, Interlock, Recall File 1 through10 Output : Pass, Fail, Test-in-Process, Start-Out, Reset-Out	
Scanner Control	It is applied to control Matrix Scanner (Model 7006)	
Memory	40 memories, 30 steps / memory Max. Result Display 900 data (30 memories x 30 steps)	
Auto Reverse Function	AUTO Reverse ON / OFF parameter setting selection Automatic Reverse polarity switch for normal condition in one step setting menu Only display maximum leakage current value	
Scope Output Interface	At rear panel BNC type to connet scope for some IEC standards test requirement and application	
Display	320 x 240 graphic LCD	
LCD Contrast Setting	Range : 1 - 9 ; 1 is lightest character, 9 is darkest character	
Alarm Volume Setting	Range : 0 - 9 ; 0 = OFF, 1 is softest volume, 9 is loudest volume	
Security	Lockout capability to avoid unauthorized access to test set-up programs	
Calibration	Software and adjustments are made through front panel. Automatic Calibration alert function to signal operator when calibration is due	
Results Display	All test result information will be displayed on the screen	
Interface	USB & RS232 standard / GPIB option	
Safety	Product with TUV / GS certificate	
Dimension (W x H x D), mm	430 x 133 x 300	
Weight	12Kg	
STANDARD ACCESSORIES		
Power Cord (10A)	× 1	
Fuses	× 2 (Including a spare contained in the fuse holder)	
Interlock Disable Key (1505)	× 1	
Hipot Return Lead, 1.8m (1102)	× 2	
Dut Power Cable 40A, 1.5m (1148)	× 1	
Dut Input Power Lead 40A, 3m (1151)	× 1	
USB Link Cable, 1.8m	× 1	
OPTION		
RUN Test Function (Opt.752)		
W	Range : 0 - 1KW / 1 - 10KW, Resolution : 0.1W / 1W	
A	Range : 0.000 - 3.500A / 3.00 - 40.00A, Resolution : 0.001A/ 0.01A	
PF	0.000 -1.000	
Leakage Current	Range : 0.00 - 10.00mA, Resolution : 0.01mA	
AC Current High / Low Limit Setting	Range	0 - 40A
	Resolution	0.01A / step
AC Current Display	Range	0.000 - 3.500A / 3.00 - 40.00A
	Resolution	0.001A / 0.01A
	Accuracy	± (2% of reading + 5 counts) / ± (2% of reading + 2 counts)
AC Power High / Low Limit Setting	Range	0 - 10KW
	Resolution	1W
AC Power Display	Range	0.0 - 1000.0W / 1000 - 10000W
	Resolution	0.1W / 1W
	Accuracy	± (5% of reading + 9 counts)
Power Factor High / Low Limit Setting	Range	0.000 - 1.000
	Resolution	0.001
Power Factor Display	Range	0.000 - 1.000
	Resolution	0.001
	Accuracy	± (8% of reading + 2 counts), V > 60VAC & PF > 0.2

Touch Current Tester

MODEL	7630	
Leakage Current High/Low Limit Setting	Range	0.00 - 10.00mA
	Resolution	0.01mA
Leakage Current Display	Range	0.00 - 10.00mA
	Resolution	0.01mA
	Accuracy	± (2% of reading + 2 counts)
Delay Timer Setting	Range	0.5 - 999.9s
	Resolution	0.1s
Dwell Timer Setting	Range	0, 0.1 - 999.9s (0 = Continuous)
	Resolution	0.1s
RUN Test Function (Opt.752)		
Timer display	Range	0.0 - 999.9s
	Resolution	0.1s
	Accuracy	± (0.1% of reading + 0.05s)
Power Control	It is applied to control Transformer Box (1931 / 1931S) or AC Power Source(6700 / 6800 / 6400 Series)	
Opt.752 option products		
6800 Series Digital AC Power Source (6805, 6810 , 6820 , 6830 & 6840)		
6700 Series Programmable AC Power Source (6705, 6710 , 6720 , 6730 & 6740)		
6400 Series AC Power Source (6410)		
1931 Series Transformer Box Multi-Tape of 1.0, 1.06 & 1.1 times of input voltage (500VA / 1KVA / 1.8KVA / 3.6KVA)		
1931S Series Transformer Box Multi-Tape of 0.8, 0.85, 0.9, 1.0, 1.06 & 1.1 times of input voltage (500VA / 1KVA / 1.8KVA / 3.6KVA)		
Opt. 753 HV & GB Link Module		
Max. ACW 3500VAC, DCW 3500VDC & Max. Ground Bond 40A		

*1 If the final measured signal is > range 5 then the maximum composite signal that can be measure is 28 volts peak.
If the final measured signal is ≤ range 5 then the maximum composite signal that can be measure is 12 volts peak.

*Product specifications are subject to change without notice

*2 AC cutoff frequency for High Pass Filter is 15Hz on AC only mode

*3 AC cutoff frequency for Low Pass Filter is 15Hz on DC only mode

[Ordering Information]

- 7630 Touch Current Tester
- Opt.731 GPIB Interface Card
- Opt.751 Multi - function Interface Card
- Opt.752 RUN Module
- Opt.753 HV (3.5KVac / 4.0KVdc) & GB Link Module
- Opt.754 High Measurement Range 35mArms / 70mApeak & 4MDs
- Opt.758 Ethernet Card
- Opt.760 HV (5KVac / 6.0KVdc) & GB(40A) Link Module w / o TUV
- Opt.763 USB & RS232 PC Control Card
- Opt.766 AC / DC / AC + DC Touch Current Measurement
- Opt.782 Connection Kit for 7440 link with 7630
- Opt.785 Connection Kit for ESA or 7742 link with 7630
- Opt.788 Connection Kit for 7630 link with 1931
- Opt.789 MD Module for JIS C9250, UL544NP, UL1563
- 7006 Matrix Scanner
- Opt.7013 Offset 6500uA