

# 附件



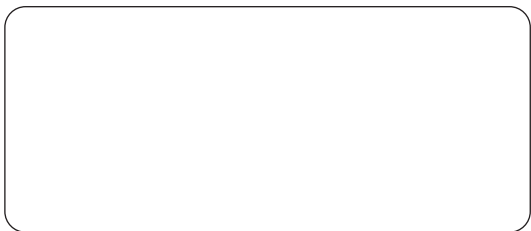
★接單訂製品交期另估  
以上附件出貨以實品為主

- 7740 (30A) Electrical Safety Compliance Analyzer (ACW,DCW,IR,GB)
- Opt.724 Scanner 8W+8G for 7740
- Opt.725 Run Test for 7740
- Opt.726 Run + LLT Test for 7740
- 7742 (40A) Electrical Safety Compliance Analyzer (ACW,DCW,IR,GB)
- Opt.736 Scanner 8W+8G for 7742
- Opt.738 Run Test for 7742
- Opt.739 Run + LLT Test for 7742(With Peak current measurement)
- Opt.734 DC Continuity Test Function (0-10KΩ) for 7742
- Opt.740 Remote DUT Power Selection 4 Range Max.277V for 7742
- Opt.731 GPIB Interface
- Opt.732 Printer Port Interface
- 1928 Remote Test / Reset Control Box , 3m.
- 1929 Remote Test / Reset Control Box (With LED Display) , 3m.



**華儀電子股份有限公司**  
EXTECH ELECTRONICS CO., LTD.  
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**广州市铨仪电子有限公司**  
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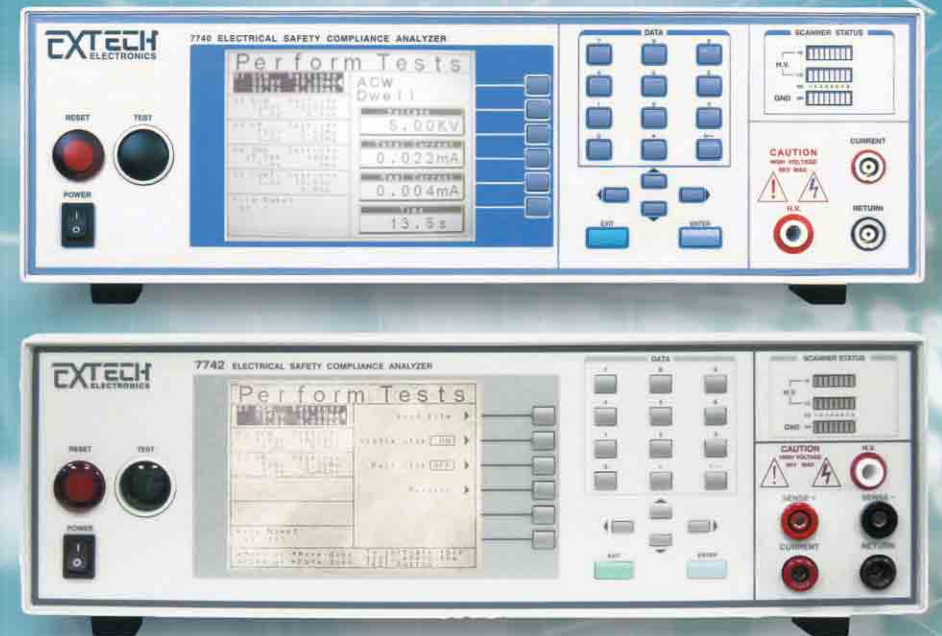


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# 7740/7742 Electrical Safety Compliance Analyzer



# 7740/7742安規綜合分析儀



出貨以實體為主

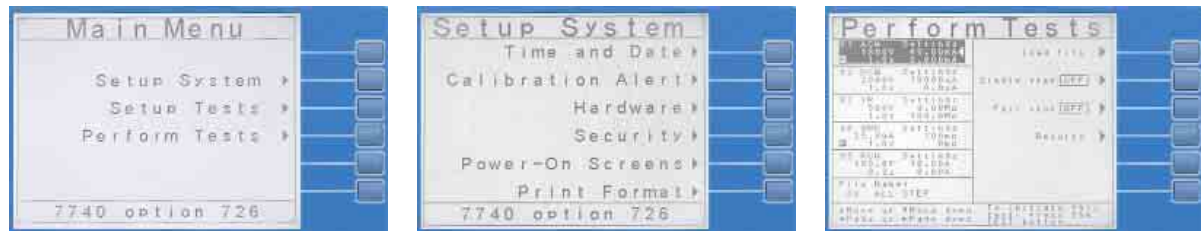
針對目前一般安規耐壓測試器，僅有耐壓測試功能，無法整合完整的安規測試項目，需購置多台儀器，浪費空間增加測試時間...，一直為使用者所詬病，華儀電子推出全新7740/7742系列安規綜合分儀，全新六合一功能，包含交流耐壓測試(ACW)、直流耐壓測試(DCW)、絕緣阻抗測試(IR)、接地阻抗測試(GB)、產品電氣性能測試(RUN)、電源洩漏電流測試(LLT)等六種測試功能；其中7740的接地阻抗測試(GB)可輸出30A，7742的接地阻抗測試(GB)可輸出40A，以滿足各個產業產品安規的測試要求，僅需一台機器即可執行多項安規的測試，將可大幅降低測試時間、提高生產效率、以及有效的解決產品安規測試的問題。

7740/7742安規綜合分儀的超大型Graphic LCD視窗，可完整顯示所有的設定參數和測試結果，全機採用線性放大器技術設計提高輸出的準確性、穩定度，以及專利認證的防高壓觸電功能Smart GFI線路，更可讓使用者在誤觸高壓時，立刻切斷輸出，確保使用者操作安全。若搭配華儀電子全新開發的SPACE-9170安規自動化測試軟體，可將所有的測試參數及測試資料進行儲存、呼叫；還可將測試後的數值作資料的分析統計。華儀電子已將安規測試引領到自動化測試的領域，更加滿足工程師對精密測試要求和生產線對大量資料處理的需求，全新的7740/7742安規綜合分儀是客戶最佳選擇。



◆ 簡單易懂的人機界面

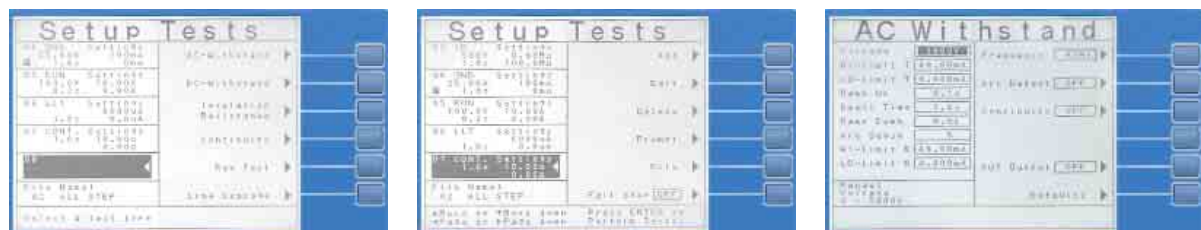
人性化的交談式人機界面，讓使用者操作時簡單易懂。



\*7740顯示畫面

◆ 六種測試功能可供選擇

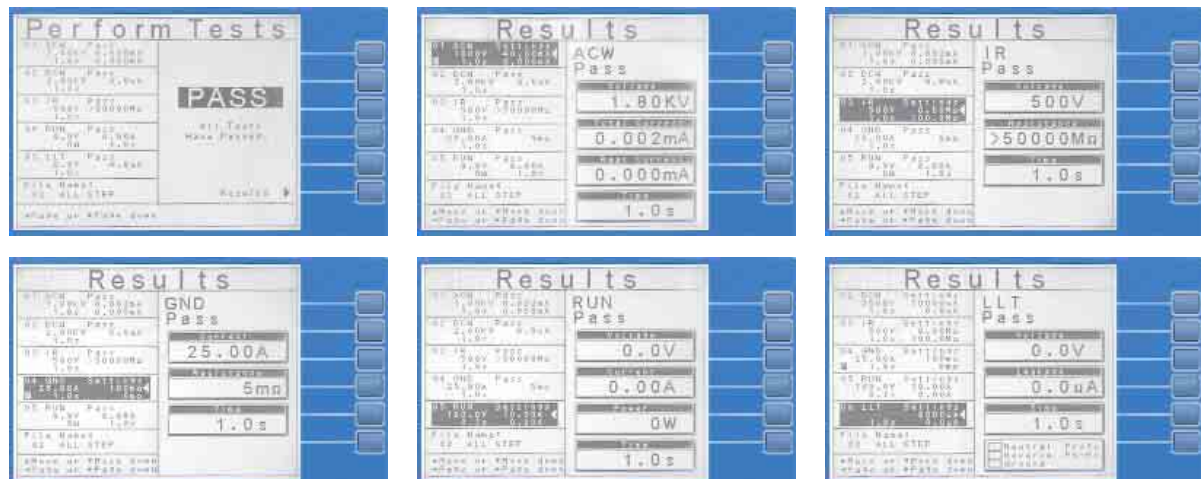
交 / 直流耐壓、絕緣阻抗測試、接地阻抗測試、產品電氣性能測試及電源洩漏電流測試的六合一機型。



\*7740顯示畫面

◆ 繪圖型 LCD 視窗

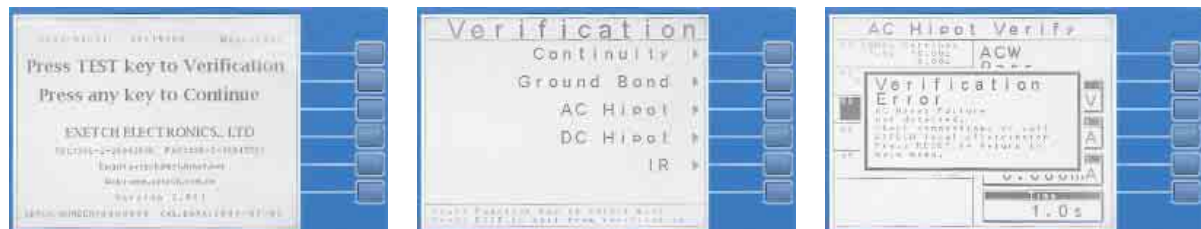
320\*240 點 LCD 螢幕，可同時顯示多項測試結果，及可再檢查所有測試項目的量測值。



\*7740顯示畫面

◆ 測試功能確認

每次開機時可進入測試功能確認模式，執行判定耐壓測試器的各項功能是否正常。



\*7740顯示畫面

◆ 時間與日期設定

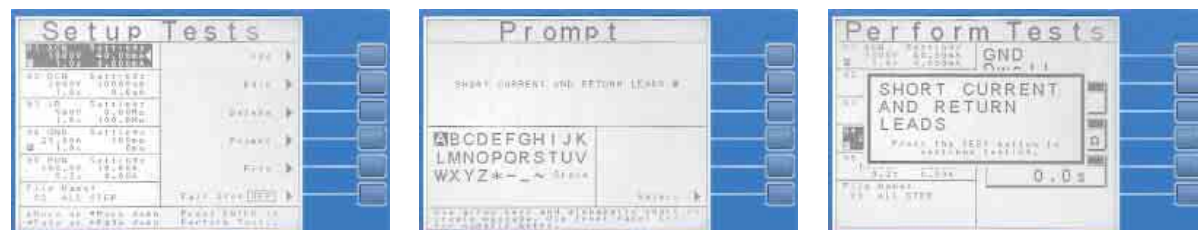
設定時間及日期，可同時列印於測試報表內。設定校正時間及校正預警時間，可自動提醒使用者，進行校驗。



\*7740顯示畫面

◆ 自動提示訊息功能 (Prompt)

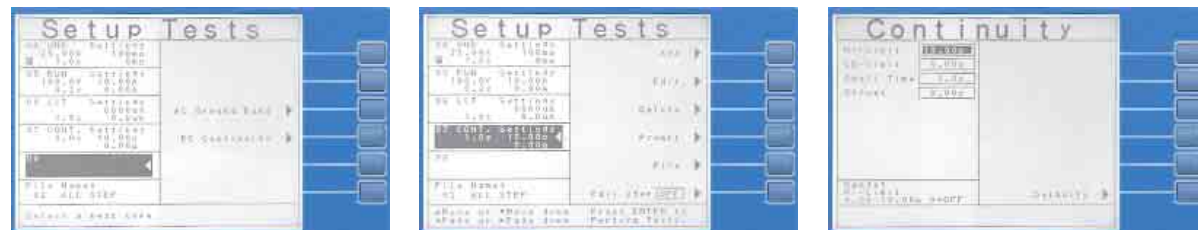
可依使用者的需求，編輯測試中需要的及時提示訊息。



\*7740顯示畫面

◆ 直流小電流電阻量測功能(DC Continuity)

量測範圍:Max.0.1A/0~10Ω；也可以選購0~10KΩ電阻的量測for 7742 Model Only

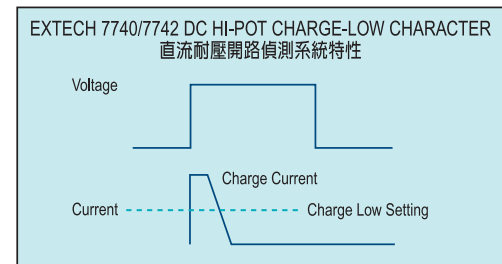


\*7740顯示畫面

◆ 充電下限 (Charge Low)，緩昇上限 (Ramp High) 功能

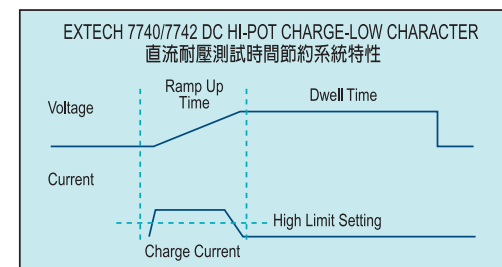
1. 直流耐壓測試時間節約系統 (Ramp High) 特性  
(專利號碼：100859)

執行直流耐壓或絕緣阻抗測試時，被測物大都呈現電容性負載特性而造成加壓時瞬間有較大之充電電流，當讀取漏電流時應避開讀取此充電電流以免引起上限不良誤判，輸出緩昇 (Ramp Up Time) 功能設計可避免充電電流過大而造成上限誤判，但過長的緩昇時間將造成測試時間過長，新增的 Ramp High 功能可允許充電電流在電壓上升過程中超過上限設定而不致誤判。如此，可大幅縮短緩昇時間以節省總測試時間。



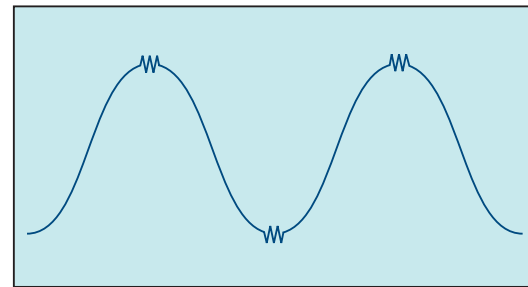
2. 直流耐壓/絕緣阻抗開路偵測系統 (Charge Low) 特性  
(專利號碼：106128)

被偵測物的漏電流都非常低或絕緣阻抗值都非常高，所以很難用電流下限或阻抗上限功能來判定被偵測物是否連接正常，而一般的被偵測物大都呈現電容性負載特性，在加壓瞬間會產生較大之充電電流。Charge Low功能即是利用判斷充電電流之大小來偵測迴路連接是否正常，以確保測試之精確度及有效性。



◆ 電弧偵測 (ARC Detector)

耐壓測試 (Withstand Voltage Test) 最主要的目的在於測試電氣產品的“安全性”，一般安全性不良的現象包含“短路跳火”、“電弧現象”（非連續性漏電跳火）等，然而一般傳統安規測試器無法偵測電弧，華儀全系列安規測試器均附此功能以滿足國外大廠最新要求。



- 電弧產生因素：零件距離過近，或是螺絲鬆動等人為加工因素不良所造成。
- 信號檢測方式：偵測與漏電流高低無關之“>10 $\mu$ S”波寬之高頻載波電流。

◆ 動態包圍測試模式 (Dynamic Envelope Mode PASS / FAIL Testing) 於測試中全程動態監視以掌握

1. 開始測試時先讀取被測物的充電電流藉以偵測測試線、治具及被測物是否連接正常。
2. 執行測試時，比對上、下限設定 (Hi/Lo Limit) 是否在範圍內。
3. 測試失敗之物理及暫態現象 (DUT: Charge Low、Ramp high、Short、Breakdown、ARC、Hi/Lo Limit...) 直接文字顯示於LCD顯示器。

◆ 防高壓觸電功能 (專利號碼：169000)

特殊安全設計電路，當高壓輸出，人體誤觸時，可立即中斷輸出。

◆ 50組檔案資料夾

每組30個步驟，可針對不同產品做設定，一次設定，連續測試。

◆ 具輸出穩壓功能

具輸出穩壓功能，電源/負載穩率在1%以內，避免因輸入電源不穩或負載變動而使測試結果不準確。

◆ 內建八組矩陣掃描器 (Opt.724 for 7740/Opt.736 for 7742)

可以選購內建八個高壓通道(HV)與八個大電流通道(HA)，高壓測試通道可承受5KVAC/6KVDC的電壓輸出，電流測試通道MODEL7740可承受30A、MODEL7742可承受40A的電流輸出。



7740+opt.724

◆ 產品電氣性能測試 (Opt.725 for 7740/Opt.738 for 7742)

產品在安規測試完成之後，生產部門會將產品再作起動以及運轉測試，檢驗產品經過安規測試之後，其功能是否正常。必須輸入額定之交流電源，以檢測輸入的電壓/電流/瓦特/功率因素是否在正常的範圍之內，有時甚至必須檢測漏電電流量是否在允許的範圍之內，以確保產品的品質以及安全。



7740+opt.725

◆ 產品電氣性能及電源洩漏電流測試 (Opt.726 for 7740/Opt.739 for 7742)

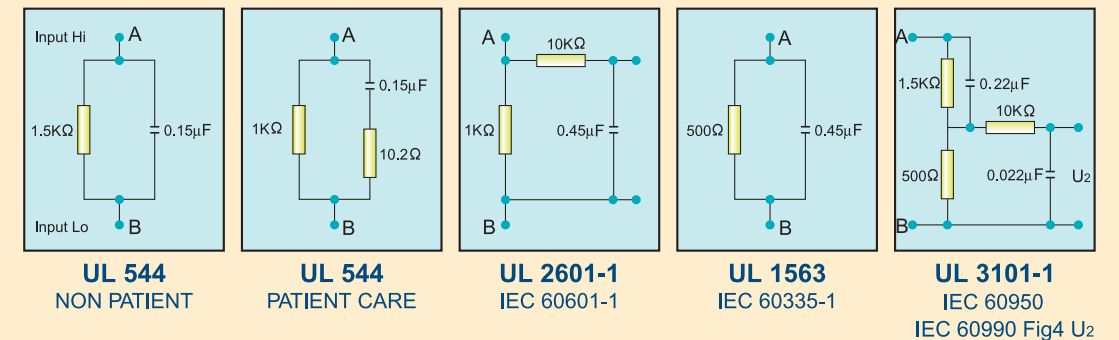
1. 電源洩漏電流測試，完全符合安規量測條款為True R.M.S值量測  
輸入阻抗>1M $\Omega$   
輸入電容<200PF  
CMRR>40dB  
量測頻寬可達1MHz：量測頻寬可由DC到1MHz，並可校正頻寬範圍內各頻寬量測準確度。



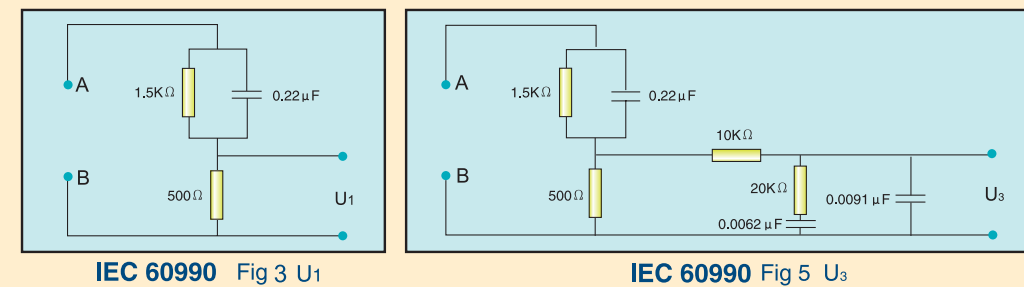
7740+opt.729

2. 完全符合最新European Norms的規格  
完全符合EN最新電源洩漏電流的測試規範，例如：低電壓指令 (Low Voltage Directive, LVD)以及醫療指令 (Medical Directive)。

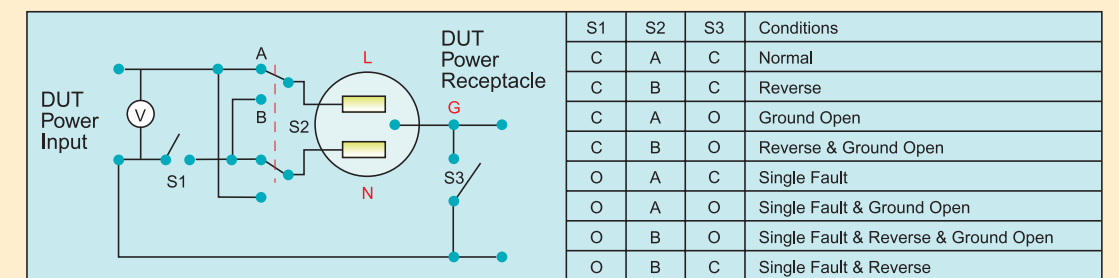
3. 內建多組MD量測線路  
7740+Opt.726內建5組MD人體阻抗模擬線路



- 7742+Opt.739 內建7組MD人體阻抗模擬線路及量測洩漏電流Peak/RMS的選擇  
除了上列5組MD外再增加以下二個線路



4. 八種電源迴路狀況模擬

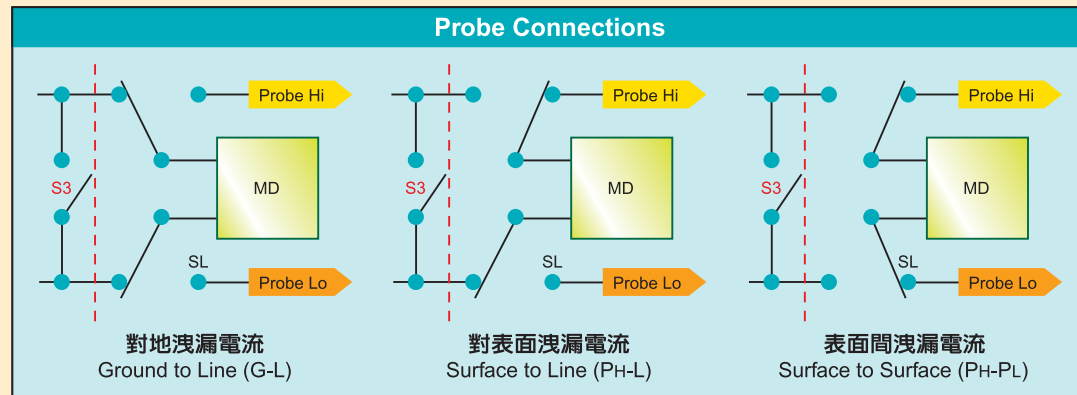


S1=Neutral S2=Reverse S3=Ground O: open C: close



5. 三種量測方式

- A. 對地洩漏電流：人體碰觸到機體之地(機殼)時,流經人體至大地的洩漏電流。
- B. 對表面洩漏電流：人體碰觸到機體的任一點(如測試棒、螺絲等)時,流經人體至大地的洩漏電流。
- C. 表面間洩漏電流：人體同時碰觸到機體表面之任何兩點時,由其中一點流經人體至另一點的洩漏電流。



◆ 緩升時間, 緩降時間設定

緩升時間的設定在針對容性負載的測試時,可降低誤判充電電流及避免造成零件因瞬間高壓而破壞之機會。

◆ 漏電流錶頻寬檢查

可檢測漏電流錶,頻寬是否可達到(DC-1MHz)

◆ 輸出電壓檢查功能

設定電壓輸出與實際電壓輸出範圍過大時,本分析儀立刻自動切斷輸出,以確保操作人員安全。

◆ 低失真

線性放大線路,波形失真THD 2%以內,符合安規規定的波峰因素比必須在1.3-1.5以內。

◆ 快速放電功能

快速放電功能,能在直流耐壓或絕緣阻抗測試完後0.2秒內,將待測物及電路上的電能放完以確保人員安全。

◆ GPIB / Printer Port (PC Compatible) 選用配備

列表機介面可設定流水號,並可選擇手動列印,全部列印或失敗列印。

◆ 前面板軟體輸入校正

可追溯國家標準(NIST),快速且準確。

◆ 體積小,重量輕符合標準19英吋儀器櫃

430X133X400mm/ 23kg for 7740

430X133X500mm/ 30kg for 7742

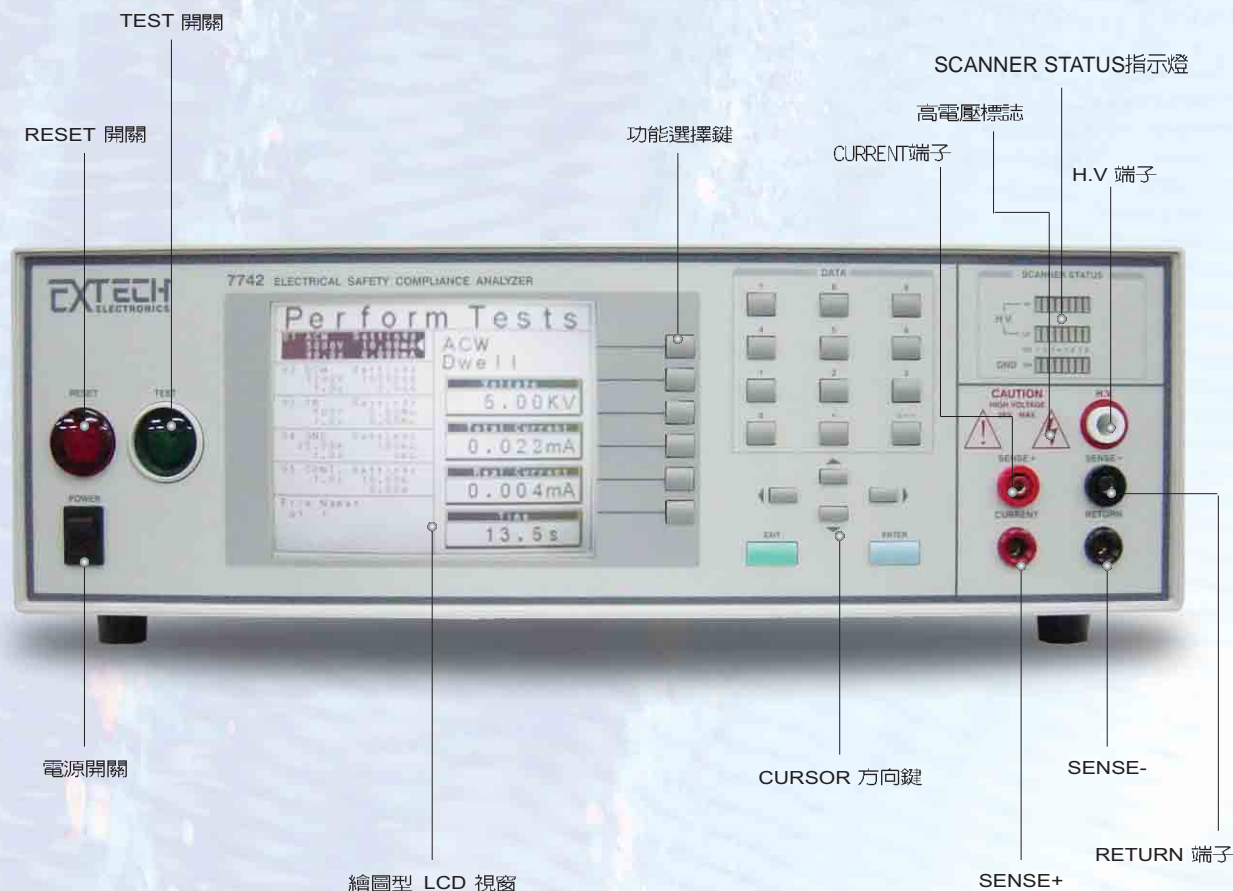
◆ 多項安規認證

7740 TÜV-GS (S 3-50007062) 、CB Report(DE 2-004619) 、UL Listing 、CE

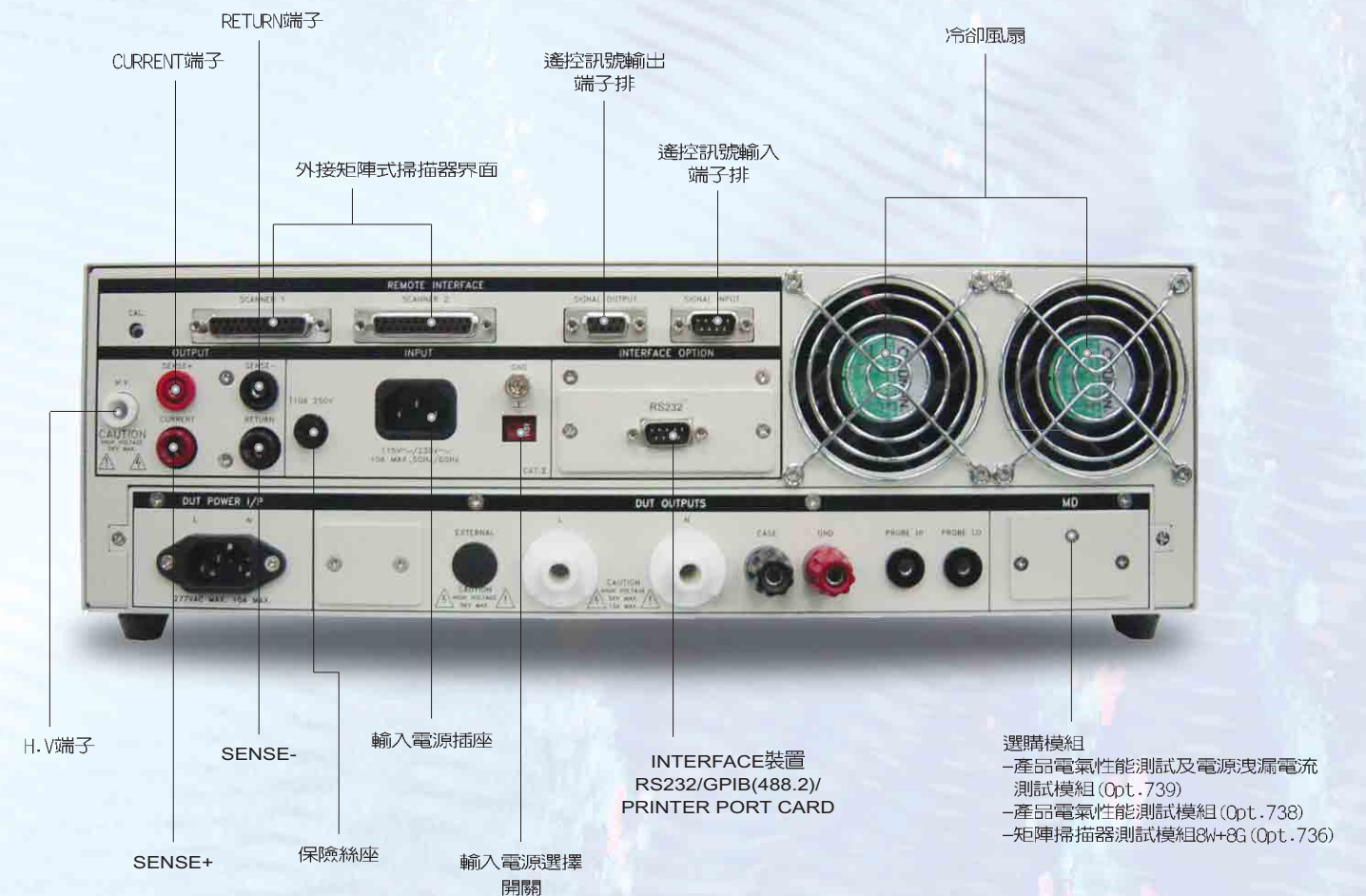
7742 認證申請中

◆ Touch Current Apeak/Arms 量測選擇 For Model 7742

7742 安規綜合分析儀 - 正面圖



7742 安規綜合分析儀 - 背面圖



Specifications:

MODEL	7740	7742	
<b>AC WITHSTAND VOLTAGE</b>			
	<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>
Output Voltage, ACV	0-5000	1	± (2% of setting + 5V)
Output Frequency	50Hz/60Hz ±100ppm, User Selection		
Output Waveform	Sine Wave ,THD.<2% (Resistive Load), Crest Factor = 1.3 - 1.5		
Output Regulation	± (1% of output + 5V), From no load to full load		
<b>SETTINGS</b>			
HI and LO-Limit (Total), current, mA	0.000-9.999 (0=OFF)	0.001	± (2% of setting + 2 counts)
	10.00-40.00	0.01	
HI and LO-Limit (Real), current, mA	0.000-9.999	0.001	± (3% of setting + 50µA)
	10.00-40.00	0.01	
Ramp-Up Timer, second	0.1 - 999.9	0.1	± (0.1% + 0.05 sec)
Ramp-Down Timer, second	0.0-999.9		
Dwell Timer, second	0, 0.4 - 999.9 (0=continuous)		
Ground Continuity	Current: DC 0.1 A ± 0.01A, fixed Max. Ground Resistance: 1 Ω ± 0.1Ω, fixed		
Arc Detection	1 - 9 ranges (9 is the most sensitivity)		
<b>DC WITHSTAND VOLTAGE</b>			
Output Voltage, DCV	0 -5000	1	± (2% of setting + 5V)
DC Output Ripple	< 4 % (5KV/20mA at Resistive Load)		
<b>SETTINGS</b>			
HI and LO-Limit, current, µA	0.0 - 999.9	0.1	± (2% of setting + 2 counts)
	1000 - 20000	1	
Ramp-Up Timer, second	0.4 - 999.9	0.1	± (0.1% + 0.05 sec)
Ramp-Down Timer, second	0.0, 1.0-999.9		
Dwell Timer, second	0, 0.3 - 999.9 (0=continuous)		
Ramp-HI, current	> 20 mA peak maximum, ON/OFF User Selection		
Charge-LO, current	0.0 - 350.0µA DC or Auto Set		
Discharge Time	200 msec		
Maximum Capacitive Load DC Mode	1µF < 1KV      0.08µF < 4KV 0.75µF < 2KV    0.04µF < 5KV 0.5µF < 3KV		
Ground Continuity	Current: DC 0.1 A ± 0.01A, fixed Max. Ground Resistance: 1 Ω ± 0.1Ω, fixed		
Arc Detection	1 - 9 ranges (9 is the most sensitivity)		
<b>INSULATION RESISTANCE</b>			
Output Voltage, DCV	50 - 1000	1	± (2% of setting + 2 counts)
Charging Current	Maximum >20mApeak		
<b>SETTINGS</b>			
HI and LO-Limit, resistance, M	0.05 - 99.99 (HI - Limit: 0 = OFF)	0.01	Same as Resistance MEASUREMENT Accuracy
	100.0-999.9	0.1	
	1000-50000	1	
Ramp-Up Timer, second	0.1 - 999.9	0.1	± (0.1% + 0.05 sec)
Ramp-Down Timer, second	0=OFF, 1.0-999.9		
Delay Timer, second	0, 1.0 - 999.9 (0=continuous)		
Charge-LO, current, µA	0.000 - 3.500 or Auto Set		
<b>GROUND BOND</b>			
Output AC Current, A(7740 )	1.00 - 30.00	0.01	± (2 % of setting + 2counts)
Output AC Current, A(7742 )	1.00 - 40.00	0.01	± (2 % of setting + 2counts)
Output Voltage, Vac	3.00 - 8.00	0.01	± (2 % of setting + 3counts)

MODEL	7740	7742		
<b>GROUND BOND</b>				
Output Frequency, Hz	50Hz/60Hz ±100ppm, User Selection			
Output Regulation	± (1% of output + 0.02A), Within maximum load limits, and over input voltage range.			
Maximum Loading	1.00-10.00A/0-600m , 10.01-30.00A/0-200m for 7740 Model , 1.00-10.00A/0-600m , 10.01-30.00A/0-200m , , 30.01-40.00A/0-150m for 7742 Model			
<b>SETTINGS</b>				
Lead Resistance Offset, m	0-200	1	1.00-2.99A,± (3 % of setting + 3 counts ) 3.00 - 30A,± (2 % of setting + 2 counts ) 3.00 - 40A,± (2 % of setting + 2 counts )	
HI and LO-Limit Resistance, m	0 - 150 (30.01-40.00A) 7742 only	1		
	0 - 200 (1 0.01-30.00A) 0 - 600 (1-10.00A)			
Dwell Timer, second	0, 0.5 - 999.9 (0 = continuous)	0.1	± (0.1% + 0.05 sec)	
<b>CONTINUITY TEST</b>				
Output Current, DC	0.1A ± 0.01A, fixed			
<b>SETTINGS</b>				
Lead Resistance Offset,	0.00-2.00	0.01	± (3% of setting+2 counts)	
HI and LO-Limit, Resistance,	0.00 - 10.00 (0=OFF)			
Dwell Timer, second	0,0,3-999.9	0.1	± (0.1% + 0.05 sec)	
<b>Opt.734 FOR MODEL 7742 ONLY</b>				
Output Current	DC 0.1A ± 0.01A, Max.			
<b>SETTINGS</b>				
Max-Lmt,	0.00 - 10.00	0.01	± (0.5 % of Full Range)	
	10.1 - 100.0	0.1		
	101 - 1000	1		
	1001 - 10000	1		
Min-Lmt,	0.00 - 10.00	0.01	± (0.5 % of Full Range)	
	10.1 - 100.0	0.1		
	101 - 1000	1		
	1001 - 10000	1		
Dwell Timer, second	0.0, 0.3 - 999.9 (0 = continuous)	0.1	± (0.1% + 0.05 sec)	
Resistance Offset,	0.00 - 2.00	0.01	± (3 % of reading + 2 counts)	
<b>MEASUREMENT</b>				
	<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>	
Voltage, KV(AC/DC)	0.00-5.00	0.01	± (1.5 % of reading +1 count)	
Voltage, Vdc (IR only)	0-1000	1	± (1.5 % of reading +2 counts)	
AC Current (Total), mA	0.000-3.500	0.001	± (2 % of reading + 2 counts)	
	3.00-40.00	0.01		
AC Current (Real), mA	0.000-9.999	0.001	± (3% of reading + 50 µA) All Ranges PF > 0.1 , V > 250VAC	
	10.00-40.00	0.01		
DC Current, µA	0.0 - 350.0	0.1	± (2% of reading + 2 counts)	
DC Current, mA	0.300 - 3.500	0.001		
	3.00-20.00	0.01		
AC Current, A (G.B for 7740 only)	0.00-30.00	0.01	± (3 % of reading + 3 counts)	
AC Current, A (G.B for 7742 only)	0.00-40.00	0.01	± (3 % of reading + 3 counts)	
Resistance, M (IR)	50-499V	500-1000V	50 - 499V 0.05-999.9, ±(7% of reading+2 counts)	
	0.050-1.999	0.050-9.999		500 - 1000V
	2.00-19.99	10.00-99.99	0.01	0.10-999.9, ±(2% of reading+2 counts)
	20.0-199.9	100.0-999.9	0.1	1000-9999, ±(5% of reading+2 counts)
	200-50000	1000-50000	1	10000-50000, ±(15% of reading+2 counts)

MODEL	7740		7742	
Resistance, m (GB)	0-600	1	1.00 – 2.99 A, ± (3 % of reading + 3 counts) 3.00 – 40.00 A, ± (2 % of reading + 2 counts)	
Resistance, (Continuity)	0.00-10.00	0.01	± (3 % of reading + 2 counts)	
Resistance, (Continuity) for opt.734	0.00 – 10.00	0.01	± (0.5 % of Full Range)	
	10.1 – 100.0	0.1		
	101 – 1000	1		
	1001 – 10000	1		
<b>GENERAL</b>				
Input Voltage AC	115/230Vac±15%, 50/60Hz ± 5%, Fuse 6.3A/250V Slow-Blow for 7740 Model 115/230Vac±15%, 50/60Hz ± 5%, Fuse 10A/250V Slow-Blow for 7742 Model			
PLC Remote Control	Input : Test, Reset, Interlock, Recall File 1 through 10 Output:- Pass, Fail, Test-in-Process			
Memory	50 memories, 30 steps/memory			
Graphic Display	320 x 240 Monographic LCD, 9 ranges contrast setting			
Safety	Built-in Smart GFI circuit,GFI trip current 450 µA max, HV shut down speed: <1mS			
Interface	Standard RS232, Optional Printer Port with Date and Time Stamp or GPIB (IEEE-488.2).			
Security	Programmable password lockout capability to avoid unauthorized access to test set-up program.			
Alarm Volume Setting	Range: 0-9 ;0=OFF, 1 is softest volume, 9 is loudest volume.			
Calibration	Software and adjustments are made through the front panel. Automatic Calibration alert function to signal operator when re-calibration is due.			
Environment	0-40 °C, 20-80%RH			
Dimensions/Net Weight	430mm(W)×133mm(H)×400 mm(D) /23.44Kg for MODEL 7740 430mm(W)×133mm(H)×500 mm(D)/30Kg for MODEL 7742			
<b>STANDARD ACCESSORIES</b>				
Power Cord(10A)			× 1	
Fuses	× 2 (Including a spare contained in the fuse holder)			
Interlock Disable Key(1505)			× 1	
Hipot Test Lead ,1.5m (1101)			× 1	
Ground Bond Test Lead 30A ,1.5m(1103)	× 1		-	
Ground Bond Return Lead 30A ,1.5m(1104)	× 1		-	
Ground Bond Test Lead 40A ,1.6m(1137)	-		× 1	
Ground Bond Return Lead 40A ,1.6m(1138)	-		× 1	
RS232 Link Cable 1.5m(1130)	× 1		× 1	
<b>MATRIX SCANNER MODULE ( Opt.724 for 7740 / Opt.736 for 7742 )</b>				
High Voltage Rating	5KVAC/5KVDC		5KVAC/5KVDC	
High Current Rating	30 A		40 A	
Number of HV Channel	8		8	
Number of HA Channel	8		8	
<b>RUN TEST MODULE (Opt.725,726 for 7740/Opt.738,739 for 7742)</b>				
<b>MEASUREMENT</b>				
	<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>	
Voltage, Vac	00.-277.0	0.1	± (1.5% of reading + 2counts)	
Current, Aac	0.00-15.00	0.01	± (2.0% of reading + 2counts)	
Power, Watts	0-4200	1	± (5% of reading + 3counts)	
Power, Factor	0.000-1.000	0.001	± (8% of reading + 2counts)	
Leakage Current, mA	0.00-10.00	0.01	± (2% of reading + 2counts)	
MD Circuit	Leakage Current measuring resistance = 2K Ω ± 1%			
Timer, second	0.0-999.9	0.1	± (0.1% of reading+0.05 sec)	

MODEL	7740		7742	
<b>SETTINGS</b>				
HI and LO Limit AC Voltage, V	0.0-277.0	0.1	± (1.5% of setting + 0.2 V), 30.0-277V	
HI and LO Limit AC Current, A	0.00-15.00	0.01	± (2.0% of setting + 2counts)	
HI and LO Limit AC Power, W	0 - 4200	1	± (5.0% of setting + 3counts)	
HI and LO Limit Power Factor	0.000-1.000	0.001	± (8% of setting + 2 counts)	
HI and LO Limit Leakage Current	0.00-10.00, Hi-Limit 0=OFF	0.01	± (2% of setting + 2 counts)	
Delay Time, second	0.2-999.9	0.1	± (0.1% + 0.05 sec)	
Dwell Time, second	0, 0.1-999.9 (0=continuous)			
Cold Resistance	0-10KΩ (Opt.734 for 7742)			
<b>DUT POWER</b>				
AC Voltage	0 - 277.0V, Single phase unbalance, 0 - 15.0A maximum			
Power Rating	4200 W maximum			
DUT Protection	Short Circuit current 23A,<3 sec, Inrush Current 68A Response time 1m sec.			
<b>STANDARD ACCESSORIES</b>				
Power Cord (15A)			× 1	
LLT Receptacle Adaptor Box 20A ,1.6m (1905)			× 1	
<b>LINE LEAKAGE TEST MODULE (Opt.726 for 7740/Opt.739 for 7742)</b>				
<b>CURRENT MEASUREMENT</b>				
Frequency Range	DC-1MHz			
<b>Leakage Current Range ( RMS )</b>	<b>Resolution</b>	<b>Accuracy (DC-100KHz)</b>	<b>Accuracy ( &gt;100K to 1 MHz)</b>	
0.0µA - 999.9µA	0.1µA	± (1.5%of reading+3counts)	± (5% of reading+5µA)	
1000µA - 6000µA	1µA	± (1.5%of reading+3counts)		
<b>Leakage Current Range ( Peak ) Opt.739 only</b>	<b>Resolution</b>	<b>Accuracy (DC-100KHz)</b>	<b>Accuracy ( &gt;100K to 1 MHz)</b>	
0.0µA - 999.9µA	0.1µA	±(10%of reading+2µA)	±(10% of reading+2µA)	
1000µA - 6000µA	1µA			
<b>LINE VOLTAGE MEASUREMENT</b>				
Range	0.0-277.0 VAC			
Resolution	0.1 V			
Accuracy	± (1.5% of reading +0.2V), 30.0-277.0V			
<b>DUT</b>				
DUT Input Power Rating	0-277V,AC@ 15Aac max			
DUT Protection	Short circuit current 23A, <3 sec. Inrush Current 68A Response time 1m sec.			
<b>SETTINGS</b>				
High/Low Limit, µA	Range 0.0-6000µA ( 0=OFF), Resolution 0.1µA			
Delay Time, second	Range 0, 1.0-999.9 ( 0=continuous ) Resolution 0.1 second.			
Compliance Standards	A UL544 Non Patient, UL484, IEC60598, UL1363			
	B UL544 Patient Care			
	C UL2601-1, IEC60601-1, EN60601-1			
	D UL1563			
	E UL60950, IEC60950, IEC61010-1, IEC60335-1, IEC60990 Fig4 U <sub>2</sub>			
	F IEC60990 Fig5 U <sub>3</sub> For 7742			
	G IEC60990 Fig3 U <sub>1</sub> For 7742			
MD A - D components	Accuracy: Resistance ± 1% Capacitor ± 5%			
MD Voltage Limit	Maximum 30V peak or 30VDC			
<b>STANDARD ACCESSORIES</b>				
Hipot Return Lead ,1.8m(1102)			× 2	

\*product specifications are subject to change without notice.