

TRT 系列 - 三相變壓器匝比測試器

TRT400 - 三相變壓器匝比測試儀

應用領域

- 匝比測量
- 激磁電流測量
- 磁平衡測試
- 相位角度測量
- 自動相序組檢測

主要特點

- 單相測試電壓高達 430 V(TRT400)/250V(TRT250)/100V(TRT100) AC
- 最佳匝比精度為 0.03%
- 大型 7 英寸圖形觸控式螢幕顯示幕
- 自動相量組檢測
- 繁體中文操作介面
- 可與三相繞組微歐姆計·分接開關分析儀TWA 儀器互換的測試引線



TRT 根據最大測試電壓、匝比測試類型和顯示，將儀器件劃分為3個系列。

系列	最大測試電壓	匝比測試類型	顯示器
TRT400	430 V AC	兩種依序3~ & 同時 3~	7" 圖形觸控式螢幕
TRT250	250 V AC	兩種依序3~ & 同時 3~	7" 圖形觸控式螢幕
TRT100	170 V AC	兩種依序3~ & 同時 3~	7" 圖形觸控式螢幕

* 與擴展變壓器CVT40結合，它可以輸出單相5kVAC，專門用於測試電容電壓變壓器

TRT系列 技術規格

型號	TRT400	TRT250	TRT100
測試電壓	AC 1V、8V、10V、 40V、80V、100V、 170V、250V、430V	AC 1V、8V、10V、 40V、80V、100V 170V、250V	AC 1V、8V、10V、 40V、80V、100V、 170V、
匝比範圍	0.8 ~ 50,000		
激磁電流	0 ~ 2A		
電流精度	± (0.25%rdg. + 500 μA)		

匝比精度	$\pm 0.03\%$ (限250V/430V AC及0.8 ~ 999匝下) $\pm 0.05\%$ (限1V/8V/10V/40V/80V/100V/170V AC及0.8 ~ 999匝下) $\pm 0.05\%$ (限80V/100V/170V/250V/450V AC及1000 ~ 3,999匝下) $\pm 0.05\%$ (限250V/450V AC及4000 ~ 19,999匝下) $\pm 0.1\%$ (限1V AC及1000 ~ 4,000匝下) $\pm 0.1\%$ (限8V/10V/40V AC及1000 ~ 3,999匝下) $\pm 0.1\%$ (限80V/100V/170V AC及1000 ~ 3,999匝下) $\pm 0.1\%$ (限250V/450V AC及20,000 ~ 50,000匝下) $\pm 0.2\%$ (限8V/10V AC及40 ~ 15,000匝下) $\pm 0.2\%$ (限40V AC及4000 ~ 14,999匝下) $\pm 0.2\%$ (限80V/100V/170V AC及15,000 ~ 19,999匝下) $\pm 0.25\%$ (限80V/100V/170V AC及20,000 ~ 50,000匝下)
相位角及精度	0 ~ 360° ; $\pm 0.05^\circ$
傳輸介面	USB 及 Ethernet
內部記憶體	SD 卡 8GB
熱感式列表機	有(選配/內建式) ; 感應紙寬度112mm
體積重量	W478mm x H194mm x D390mm ; 9kg

TRT系列選購配件



H & X 繞組測試線組



CVT40 擴展變壓器附測試電纜線



TRTC 三相匝比較正器



運輸箱



測試線攜帶包

Recommended accessories	Article No
H winding test lead set, 4 x 10 m (32.8 ft) with TTA clamps (compatible with TWA and TRT series)	HC-10-4FMCWC
X winding test lead set, 4 x 10 m (32.8 ft) with TTA clamps (compatible with TWA and TRT series)	XC-10-4FFCWC
Cable plastic case – large size	CABLE-CAS-03

Optional accessories	Article No
H winding test lead set, 4 x 5 m (16.4 ft) with TTA clamps (compatible with TWA and TRT series)	HC-05-4FMCWC
X winding test lead set, 4 x 5 m (16.4 ft) with TTA clamps (compatible with TWA and TRT series)	XC-05-4FFCWC
H winding test lead set, 4 x 15 m (49.2 ft) with TTA clamps (compatible with TWA and TRT series)	HC-15-4FMCWC
X winding test lead set, 4 x 15 m (49.2 ft) with TTA clamps (compatible with TWA and TRT series)	XC-15-4FFCWC
H winding test lead set, 4 x 20 m (65.6 ft) with TTA clamps (compatible with TWA and TRT series)	HC-20-4FMCWC
X winding test lead set, 4 x 20 m (65.6 ft) with TTA clamps (compatible with TWA and TRT series)	XC-20-4FFCWC
H winding cable extension set, 4 x 5 m (16.4 ft) (compatible with TWA and TRT series)	HE-05-4FMCFC
X winding cable extension set, 4 x 5 m (16.4 ft) (compatible with TWA and TRT series)	XE-05-4FFCMC
H winding cable extension set, 4 x 10 m (32.8 ft) (compatible with TWA and TRT series)	HE-10-4FMCFC
X winding cable extension set, 4 x 10 m (32.8 ft) (compatible with TWA and TRT series)	XE-10-4FFCMC
H winding cable extension set, 4 x 15 m (49.2 ft) (compatible with TWA and TRT series)	HE-15-4FMCFC
X winding cable extension set, 4 x 15 m (49.2 ft) (compatible with TWA and TRT series)	XE-15-4FFCMC
H winding test lead set, 4 x 5 m (16.4 ft) with TTA clamps (compatible with TRT series only)	HC-05-4TRTMW

X winding test lead set, 4 x 5 m (16.4 ft) with TTA clamps (compatible with TRT series only)	XC-05-4TRTFW
H winding test lead set, 4 x 10 m (32.8 ft) with TTA clamps (compatible with TRT series only)	HC-10-4TRTMW
X winding test lead set, 4 x 10 m (32.8 ft) with TTA clamps (compatible with TRT series only)	XC-10-4TRTFW
H winding test lead set, 4 x 15 m (49.2 ft) with TTA clamps (compatible with TRT series only)	HC-15-4TRTMW
X winding test lead set, 4 x 15 m (49.2 ft) with TTA clamps (compatible with TRT series only)	XC-15-4TRTFW
H winding test lead set, 4 x 20 m (65.6 ft) with TTA clamps (compatible with TRT series only)	HC-20-4TRTMW
X winding test lead set, 4 x 20 m (65.6 ft) with TTA clamps (compatible with TRT series only)	XC-20-4TRTMW
H winding cable extension set, 4 x 5 m (16.4 ft) (compatible with TRT series only)	HE-05-4TRTMF
X winding cable extension set, 4 x 5 m (16.4 ft) (compatible with TRT series only)	XE-05-4TRTFM
H winding cable extension set, 4 x 10 m (32.8 ft) (compatible with TRT series only)	HE-10-4TRTMF
X winding cable extension set, 4 x 10 m (32.8 ft) (compatible with TRT series only)	XE-10-4TRTFM
H winding cable extension set, 4 x 15 m (49.2 ft) (compatible with TRT series only)	HE-15-4TRTMF
X winding cable extension set, 4 x 15 m (49.2 ft) (compatible with TRT series only)	XE-15-4TRTFM
Cable plastic case – small size	CABLE-CAS-01
Cable plastic case – medium size	CABLE-CAS-02
Cable plastic case with wheels – medium size	CABLE-CAS-W2
Cable plastic case with wheels – large size	CABLE-CAS-W3
Transport case	HARD-CASE-LC
Plastic transport case	HARD-CASE-PC
Plastic transport case with wheels	HARD-CASE-PW
Built-in thermal printer 112 mm (4.4 in)	PRINT-112-00
Thermal paper roll 112 mm (4.4 in)	PRINT-112-RO
Inverter 12 V DC to 230 V AC, 50 Hz	IN650-12-230
Verification Calibrator TRTC	TRTC-05-4800
H winding test lead set, 4 x 1 m (3.28 ft) with banana plugs	HC-01-4LMCBP
X winding test lead set, 4 x 1 m (3.28 ft) with banana plugs	XC-01-4LFCBP
Cable bag	CABLE-BAG-00
TWA-TRT safety switchbox with ground cable	SWTCH-BOX-00
H connection between instrument and switchbox, 4 x 0,8 m (2.62 ft)	HE-08-4FMCMC
X connection between instrument and switchbox, 4 x 0,8 m (2.62 ft)	XE-08-4FFCFC