



AIM & THURLBY THANDAR INSTRUMENTS

## INTERNATIONAL PRICE LIST (£)

Effective September 2010

(prices in pounds sterling)

### **Thurlby Thandar Instruments Ltd.**

Glebe Road, Huntingdon, Cambridgeshire PE29 7DR  
England (United Kingdom)

**Tel: +44 (0)1480 412451** Fax: +44 (0)1480 450409

**Email: [info@tti-test.com](mailto:info@tti-test.com) Web: [www.tti-test.com](http://www.tti-test.com)**

(UK web site: [www.tti.co.uk](http://www.tti.co.uk))

The portfolio of products from Thurlby Thandar Instruments (TTi) and Aim Instruments is grouped under the overall banner of Aim-TTi.

### **Traceable quality systems**



TTi is an ISO9001 registered company operating fully traceable quality systems for all processes from design through to final calibration.

BS EN ISO9001:2000

Certificate number FM 20695

Thurlby Thandar Instruments Ltd. reserves the right to alter prices without prior notice.



## TTi International Price List 1st September 2010

Model	Description	Price
<b>WAVEFORM GENERATORS (Function, Arbitrary &amp; Pulse)</b>		
TG120	20MHz Function Generator	£215
TG210	2MHz Function Generator	£169
TG315	3MHz Function Generator, LCD	£208
TG320	3MHz Function Generator, LCD, Counter	£240
TG330	3MHz AS TG320 plus Sweep & AM	£281
TG550	5MHz Sweep/Function Generator, LCD	£356
TGP110	10MHz Pulse Generator	£235
<b>NEW TG1000</b>	10MHz DDS Function Generator	£399
TG2000	20MHz DDS Function Generator, RS232/USB	£499
TG1010A	10MHz DDS Function Generator with Arbitrary capability, RS232	£727
TG1010AGP	TG1010 with GPIB interface	£826
TG4001	40MHz DDS Function/Arbitrary Generator	£1,020
TG4001GP	40MHz DDS Function/Arbitrary Generator with GPIB Interface	£1,140
<b>NEW TG5011</b>	50MHz Function/Pulse/Arbitrary Generator, USB/LXI	£895
<b>NEW TG5011G</b>	50MHz Function/Pulse/Arbitrary Generator, USB/LXI/GPIB	£975
<b>NEW TG2511</b>	25MHz Function/Pulse/Arbitrary Generator, USB/LXI	£795
<b>NEW TG2511G</b>	25MHz Function/Pulse/Arbitrary Generator, USB/LXI/GPIB	£875
TGA1241	15MHz, 40MS/s 64k Arbitrary Waveform Generator, RS232/GPIB	£1,145
TGA1242	2ch Arb Waveform Generator, RS232/GPIB	£2,086
TGA1244	4ch Arb Waveform Generator, RS232/GPIB	£3,131
TGA12101	100M/s Arb Waveform Generator, RS232/GPIB	£1,639
TGA12102	2ch Arb Waveform Generator	£2,557
TGA12104	4ch Arb Waveform Generator	£3,582
TGA Rear O/P Option	Rear O/P Conversion Kit for TGA12100 & TG4001	£10
TG GPIB	TG GPIB Interface Option Retrofits	£120
WA301	Wideband Amplifier, 1MHz 30Vpp	£154
(For Rack Mount Kits see end of price list)		
<b>EMC &amp; RF TEST EQUIPMENT</b>		
PSA1301T	Handheld 1.3GHz Spectrum Analyser	£815
PSA2701T	Handheld 2.7GHz Spectrum Analyser	£1,076
SC-PSA	Soft Carry Case for PSA	£30
PC-PSA	Leather Protective Cover	£51
WB-ANT	Wideband Telescopic Antenna 1.3GHz	£21
TGR1040	1GHz Synthesised Signal Generator, RS232	£1,280
TGR1040GP	TGR1040 with GPIB/RS232	£1,491
TGR2050	2GHz Synthesised Signal Generator inc GPIB/RS232	£2,337
ST124	10MHz to 12.4GHz USB CW Power Meter	£950
ST185	10MHz to 18.5GHz USB CW Power Meter	£1,150
ST265	10MHz to 26.5GHz USB CW Power Meter	£1,450
HA1600A	Mains/Harmonics Analyser inc Flicker	£1,486
AC1000A	Low Distortion 1kW Power Source	£518
(For Rack Mount Kits see end of price list)		
<b>FREQUENCY COUNTERS &amp; TIMERS</b>		
PFM3000	3GHz Hand-Held Counter	£118
	Carrying Case for PFM1300 / 3000	£15
TF930	3GHz Universal Counter USB	£251
(For Rack Mount Kits see end of price list)		



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<b>DIGITAL MULTIMETERS</b>		
1906	5½ digit LED, autoranging, TRMS, computing & logging, RS232.	£410
1906-GP	5½ digit LED, autoranging, TRMS, computing & logging, GPIB.	£520
1705	4¼ digit LCD multimeter, autoranging, dual measurement, TRMS, RS232	£310
1705-GP	4¼ digit LCD multimeter, autoranging, dual measurement, TRMS, GPIB	£415
1604	4¾ digit LED TRMS	£205
(For Rack Mount Kits see end of price list)		
<b>COMPONENT MEASUREMENT</b>		
LCR400	LCR Meter 0.1% basic accuracy	£661
LCR SMD	Surface Mount Tweezer (4 Terminal)	£166
LCR K-Clip	Kelvin Clip Set (requires LCR BNC)	£87
LCR BNC	BNC Interface Module (4 Terminal)	£77
BS407	Micro Ohm Meter, 0.1%, 1µΩ to 20kΩ	£528
BS K-Clip	Replacement Kelvin Clip Set	£77
<b>SAFETY VOLTAGE PROVING UNIT</b>		
P240	Safety Voltage Indicator Tester (minimum order qty 5)	£52
<b>ELECTRONIC LOAD</b>		
LD300	DC 300W 80A 80V Electronic Load	£743
(For Rack Mount Kits see end of price list)		
<b>POWER SUPPLIES (Manual Control)</b>		
EB2025T	Triple O/P, 2 x 0-20V/250mA plus 5V/1A	£138
EL183R	Single 0-18V/0-3A	£169
EL155R	Single 0-15V/0-5A	£199
EL561R	Single 0-56V/0-1A	£169
EL301R	Single 0-30V/0-1A	£149
EL302R	Single 0-30V/0-2A	£165
EL303R	Single 0-30V/0-3A	£199
EL302RD	Dual 0-30V/0-2A	£285
EL302RT	As EL302D plus 1.5-5V 2A	£310
EX354RD	Dual 0-35V/0-4A	£390
EX354RT	As EX354D plus 1.5-5V 5A	£440
EX355R	Single 0-35V/0-5A	£271
EX752M	Dual 0-75V/0-2A or Single 0-75V/0-4A or Single 0-150V/0-2A	£472
EX1810R	Single 0-18V/0-10A	£297
EX2020R	Single 0-20V/0-20A	£420
EX4210R	Single 0-42V/0-10A	£420
QL355	Single 0-35V/0-5A *	£369
QL564	Single 0-56V/0-4A *	£369
QL355T	Dual QL355 plus 3.3V/5V *	£716
PL155	Single 0-15V/0-5A	£260
PL303	Single 0-30V/0-3A	£260
PL303QMD	Quad Mode Dual version of PL303	£499
PL601	Single 0-60V/0-1.5A	£260
<b>NEW PLH120</b>	Single 0-120V/0-0.75A	£295
<b>NEW PLH250</b>	Single 0-250V/0-0.375A	£325
PL154	Single 0-15V/0-4A <b>**DISCONTINUED**</b>	£192
PL320	Single 0-30V/ 0-2A <b>**DISCONTINUED**</b>	£197
PL320QMD	Quad Mode Dual version of PL320 <b>**Limited Availability**</b>	£383
PL320QMT	As PL320QMD plus 4-6V at 0-4A output <b>**Limited Availability**</b>	£446



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Model	Description	Price
<b>POWER SUPPLIES (Manual Control) cont..</b>		
PL330	Single 0-32V/0-3A <b>**Limited Availability**</b>	£218
PL330QMD	Quad Mode Dual version of PL330 <b>**Limited Availability**</b>	£438
PL330QMT	As PL330QMD plus 4-6V at 0-7A output <b>**Limited Availability**</b>	£559
TS3021S	Single 0-30V/0-2A <b>**Limited Availability**</b>	£186
TS3022S	Dual 0-30V/0-2A <b>**Limited Availability**</b>	£362
TSX3510	Single 0-35V/0-10A	£549
TSX1820	Single 0-18V/0-20A	£575
CPX200	Twin 175 'PowerFlex' Max 35V or 10A	£625
CPX400A	Twin 420 'PowerFlex' Max 60V or 20A	£841
* Multi Range Output - max. voltage and current not available together		
(For Rack Mount Kits see end of price list)		
<b>PROGRAMMABLE POWER SUPPLIES (Remote &amp; Manual Control)</b>		
QL355P	Single 0-35V/0-5A USB/RS232/GPIB *	£523
QL564P	Single 0-56V/0-4A USB/RS232/GPIB *	£523
QL355TP	Dual QL355 plus 3.3V/5V 1A USB/RS232/GPIB *	£892
EL302P	Single 0-30V/0-2A RS232	£240
EX355P	Single 0-35V/0-5A RS232	£344
PL155-P	Single 0-15V/0-5A USB/RS232/LAN(LXI)/Analog	£409
PL303-P	Single 0-30V/0-3A USB/RS232/LAN(LXI)/Analog	£409
PL601-P	Single 0-60V/0-1.5A USB/RS232/LAN(LXI)/Analog	£409
PL303QMD-P	Dual 0-30V/0-3A USB/RS232/LAN(LXI)	£666
<b>NEW PLH120-P</b>	Single 0-120V/0-0.75A USB/RS232/LAN/ISOL Analog	£435
<b>NEW PLH250-P</b>	Single 0-250V/0-0.375A USB/RS232/LAN/ISOL Analog	£465
PL155-P(G)	Single 0-15V/0-5A USB/RS232/LAN(LXI)/Analog/GPIB	£459
PL303-P(G)	Single 0-30V/0-3A USB/RS232/LAN(LXI)/Analog/GPIB	£459
PL601-P(G)	Single 0-60V/0-1.5A USB/RS232/LAN(LXI)/Analog/GPIB	£459
PL303QMD-P(G)	Dual 0-30V/0-3A USB/RS232/LAN(LXI)/GPIB	£716
<b>NEW PLH120-P(G)</b>	Single 0-120V/0-0.75A USB/RS232/LAN/GPIB	£485
<b>NEW PLH250-P(G)</b>	Single 0-250V/0-0.0375A USB/RS232/LAN/GPIB	£515
PL330P	Single 0-32V/0-3A RS232/GPIB <b>**Limited Availability**</b>	£528
PL330DP	Dual version of PL330P <b>**Limited Availability**</b>	£779
PL330TP	Dual version of PL330P plus 4-6V/7A <b>**Limited Availability**</b>	£889
TSX 3510P	Single 0-35V/0-10A, RS232/GPIB	£784
TSX 1820P	Single 0-18V/0-20A, RS232/GPIB	£811
<b>NEW CPX400DP</b>	Twin 420W 'PowerFlex' Max 60V or 20A USB/RS232/LAN/GPIB	£995
QPX1200-L	1200W PowerFlex Max 60V or 50A RS232/USB/LAN(LXI)/Analog	£1,076
QPX1200-L(G)	1200W PowerFlex Max 60V or 50A RS232/USB/LAN(LXI)/Analog/GPIB	£1,126
* Multi Range Output - max. voltage and current not available together		
(For Rack Mount Kits see end of price list)		
<b>RACK MOUNT KITS</b>		
RM50A	2U Rack Mount for bench-top instruments	£51
RM200A	2U Rack Mount for half rack instruments	£84
RM300A	3U Rack Mount for half rack instruments	£68
RM350	Half Rack Blanking Plate for RM300	£10
RM310	QPX Rack Mount	£84
RM400P	4U Rack Mount for PL-P PSUs	£79
RM400DP/TP	4U Rack Mount for PL-DP/PL-TP PSU	£79
RM1242/4	TGA 2/4 channel Rack Mount	£84
RM410	QL Rack Mount	£84
RM415	1/3 Rack Blanking Plate for RM410	£10
RM450	nPL Rack Mount	£97



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<b>ACCESSORIES</b>		
	RS232 lead (excluding 1604, HA1600A, LCR400) ARC	£21
	Serial Cable HA1600, LCR400	£21
	Serial Cable PC1604	£21
	Bench Instrument Carry Case	£46
	Calibration Certificate with Results for PSU/Counter/DMM/TG	£46
	Calibration Certificate with Results for Arb Gen/PSA/TGR/LCR/HA1600	£82



Thurlby Thandar Instruments Ltd  
Glebe Road, Huntingdon, Cambs PE29 7DR  
Tel: +44 (0) 1480 412451 Fax: +44 (0) 1480 450409  
email: sales@tti-test.com Website: www.tti-test.com

Aim-TTI:  
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