



INDEX BY PRODUCT CATEGORY

SAFETY INSTALLATION TESTERS

Order code	Description	PREÇO DE TABELA
COMBI 419	Multifunction tester according to IEC 61557	1 377,80
HV000419-0201	Multifunction tester according to IEC 61557 with TOPVIEW2006	1 674,88
COMBI 420	Multifunction tester according to IEC 61557 with built-in single phase power quality analyser	1 462,32
HV000420-0201	Multifunction tester according to IEC 61557 with built-in single phase power quality analyser with	1 756,83
COMBIG2	Multifunction tester according to IEC 61557	1 997,56
EQUITEST5071	Earth conductor resistance (with 10A test current) and Line/Loop imp. meter	1 977,07
GEO 416	Digital earth resistance and ground resistivity meter up 50 Kohm	1 042,32
GSC60	Multif. tester according to EN61557 and power quality with touch screen	4 500,00
HV000057-0201	Multifunction instrument, three-phase power analyzer and continuity 10A	4 010,49
HV000057-0203	Multifunction tester and three-phase power analyzer with HTFLEX3003	5 370,37
HT7051	Programmable digital 5kV insulation tester	3 362,56
HT7051N	Programmable digital 5kV-110V insulation tester	3 362,56
HT7052	Programmable digital insulation tester 10 KV	4 707,07
ISO 410	Digital insulation and continuity meter	985,98
ISOTEST M70	1000V insulation meter, 200mA continuity meter and RMS DMM	512,20
M71	Earth resistance meter by two auxiliary earth rods	665,85
M72	500V insulation meter, 200mA continuity meter and TRMS DMM	591,59
M73	RCDs tester, global earth resistance meter and TRMS DMM	673,54
M74	Multifunction safety tester and TRMS DMM	793,90
M75	Multifunction safety tester, TRMS DMM and LAN wire mapper	955,24
MACROTESTG1	Ground resistance and bonding continuity tester	1 843,90
KITMACROTESTG1	MacrotestG1 + VA504 + T2100	2 957,93
MACROTESTG2	Insulation resistance, ground resistance and bonding continuity tester	2 023,17
KITMACROTESTG2	MacrotestG2 + VA504 + T2100	3 093,66
MACROTESTG3	Multifunction tester according to IEC 61557	2 580,00
SPEED 418	Safety tester for RDC tripping time and earth resistance measurements	1 144,76
T2000	Earth ground clamp meter	1 211,34

PHOTOVOLTAIC INSTALLATION TESTERS

Order code	Description	PREÇO TABELA
IV400W	I-V curve tracer until 15A with Wifi	4 438,17
MPP300	Adapter for PV testing on multistring installation	2 883,66
PVCHECKS	PV installation tester 15A	1 851,59
HV00300N-0201	Solar installation efficiency recorder and power quality analyzer without Clamps	6 018,29
HV00300N-0202	Solar installation efficiency recorder and power quality analyzer	7 206,59
HV00300N-0204	Solar installation efficiency recorder and power quality analyzer 110V/60Hz	7 206,59
HV0001VW-0201	Single-phase solar installation efficiency tester and I-V curve tracer - provided without any curren	5 029,76
HV0001VW-0202	Single-phase solar installation efficiency tester and I-V curve tracer	5 503,54

POWER QUALITY ANALYZERS

Order code	Description	PREÇO TABELA
HT9022	Clamp-on power quality analyzer with Bluetooth connection	1 088,41
PQA819	Waterproof, self-powered three-phase power quality analyser with USB and Wi-Fi communication i	2 100,00
PQA820	Waterproof, self-powered three-phase power quality analyser with USB and Wi-Fi communication i	3 426,32
PQA820FULL	PQA820 + ANALYSISTAB2	2 612,20
VEGA 78	Power quality analyser CAT IV with 4 CTs HTFLEX33D	4 294,62
VEGA 78S	Power quality analyser CAT IV without CTs	3 244,76
HV000078-0203	Power quality analyser CAT IV with 4 CTs HTFLEX33 110V	3 943,90
HV000078-0204	Power quality analyser CAT IV without CTs 110V	3 406,10
PQA823	Power quality analyser CAT IV with 4 CTs HTFLEX33E	5 808,51
PQA823S	Power quality analyser CAT IV without CTs	4 681,46
HV000823-0203	Power quality analyser CAT IV with 4 CTs HTFLEX33 and 110V	5 378,05
HV000823-0204	Power quality analyser CAT IV without CTs 110V	4 914,51
PQA824	Power quality analyser CAT IV with 4 CTs HTFLEX33E	6 133,54
PQA824S	Power quality analyser CAT IV without CTs	5 736,59
HV000824-0203	Power quality analyser CAT IV with 4 CTs HTFLEX33 and 110V	6 133,54
HV000824-0204	Power quality analyser CAT IV with HT4005N	8 458,90

HV000824-0205	Power quality analyser CAT IV with 4 HTFLEX35	7 196,34
HV000824-0206	Power quality analyser CAT IV without CTs 110V	5 736,59
HV000824-0208	Power quality analyser CAT IV with HT98	6 732,80
		-
		-

DATALOGGERS

Order code	Description	PREÇO TABELA
		-
XL421	Single-phase current data logger	824,63
XL422	3-phase current datalogger	1 318,90
XL423	Single-phase voltage data logger	576,22
XL424	3-phase voltage data logger	653,05
		-
		-

ELECTRICAL MACHINE AND SWITCHBOARD TESTERS

Order code	Description	PREÇO TABELA
		-
FULLTEST3	IEC/EN 61439 (switchgear and controlgear) and IEC/EN 60204 (electrical equipment for machiner	6 930,00
		-
Optional accessories		-
		-
FT3BARCR	Barcode reader type voyager	1 021,83
FT3BRSN	Accessory bag	131,89
FT3HVPRB	HV test lead 2 mt. with crocodile clip	161,34
FT3KBDEN	USB key board english version	286,83
FT3REDLP	Red warning lamp with 7 mt. cable	330,37
FT3RMTCT	Remote control adpter with start save commands 7 mt.	276,59
FT3SFTSW	Safety switch with 7 mt. cable	153,66
		-
		-

EDUCATIONAL

Order code	Description	PREÇO TABELA
		-
TESTBOARD	Test board	6 412,68
		-
		-

LAN TESTERS

Order code	Description	PREÇO TABELA
		-
QUICKLAN 6055	LAN wire mapper (verifier)	231,77
QUICKLAN6050	LAN wire mapper (verifier)	696,59
		-
		-

STEP AND CONTACT VOLTAGE TESTERS

Order code	Description	PREÇO TABELA
		-
HT2055	Step contact system s/m	10 433,41
		-
		-

REVOLUTION COUNTERS

Order code	Description	PREÇO TABELA
		-
HT2234N	Optical digital tachometer	481,46
		-
		-

ENVIRONMENTAL TESTERS

Order code	Description	PREÇO TABELA
		-
HT154	Digital sound level meter type 2 complete with calibrator HT150	873,29
HT155	Sound level meter type 1	7 001,71
HT157	Sound level meter type 1 with analysis of 1/3 octave band	9 511,46
HT204	Solar meter	322,68
HT300	Professional digital thermometer with 1 input	166,46
HT307	Digital luxmeter	202,32
HT309	Led light meter	422,56
HT3300	Infrared thermometer	155,79
HT3302	Infrared thermometer	179,27
HT3320	IR Video Thermometer	1 129,39
HT4000	Air temperature/humidity, air speed, air flow and pressure meter	445,61
		-
		-

TEMPERATURE CONTROLLERS

Order code	Description	PREÇO TABELA
		-
HT950N	Electronic temperature controller	1 175,49
		-
		-

THERMAL IMAGERS

Order code	Description	PREÇO TABELA
		-
THT32	Infrared 32x31 pixel imager thermometer	650,00
THT45	Infrared camera 80x80pxl	1 900,00
THT46	Infrared camera 160x120 pxl	3 270,37
THT47	Touchscreen infrared camera 160x120 pxl	3 739,02
THT60	Touchscreen infrared camera 160x120 pixels, FOV 33° x 24°	5 378,05
THT70	Touch screen infrared camera 384x288pxl	7 939,02
		-
Optional accessories		
		-
A0045	THT45 battery charger with 4 adapters	35,09
A0045N	THT45 battery charger with 4 adapters	61,98
BAT45	THT45 rechargeable battery	19,98
BAT45N	THT45 rechargeable battery	19,98
BAT7X	Rechargeable battery for tht47-60-70	70,68
RL-11-60	IR wide-angle lens 11MM for THT60	896,34
RL-11-70	Infrared 11mm wide-angle lens for THT70	2 233,17
RL-22-60	IR lens 22MM for THT60	1 493,05
RL-33-60	IR lens 33MM for THT60	2 000,12
RL-38-70	Infrared 38mm tele lens for THT70	3 093,66
		-

PHASE DETECTORS

Order code	Description	PREÇO TABELA
		-
HT38	Fuse finder	94,24
HT5	Lamp tester for gas filled lamps	61,98
HT6	Pen-type multimeter	88,87
HT70	Voltage stick with phase sequence tester	46,78
HT8	Pen-type digital multimeter with built-in non-contact phase sequence/conformity tester	112,94
HT82	Electronic phase sequence meter	128,42
HT9	Pen-type digital multimeter with built-in gas-filled lamp tester and non-contact phase sequence/cc	134,45
XLITE	Rechargeable cob working lamp with european adapter	58,13
MINILITE	Multifunctional aluminium flashlight	13,57
		-

CABLE AND PIPE TRACERS

Order code	Description	PREÇO TABELA
		-
HT-5000	Intelligent cable and pipe tracer system	6 307,68
		-

DISTANCE METERS

Order code	Description	PREÇO TABELA
		-
DM40	Laser meter up to 40 mt.	185,67
IDM70	Laser meter up to 70 mt. with bluetooth	304,76
		-

PROCESS CALIBRATOR

Order code	Description	PREÇO TABELA
		-
HT8000	Process calibrator	471,22
HT8051	Process calibrator	573,66
HT8100	TRMS process calibrator	711,95
		-

MULTIMETERS

Order code	Description	PREÇO TABELA
		-
HT12	Multimeter with built-in fork clamp	158,78
HT14D	Pocket digital multimeter	32,27
HT20	Electronic voltage tester HT20S	24,33
HT21	3 3/1 digits digital multimeter	67,35
HT210	Digital 4000 counts multimeter	102,11
HT211	Digital 4000 counts multimeter	83,49
HT25N	Multifunction digital multimeter	47,12
HT321	Digital multimeter CAT IV	103,46
HT322	Digital multimeter with temperature measurement CAT IV	131,58
HT326	Digital 4000 counts multimeter CAT IV	160,00
HT327	Digital 4000 counts TRMS multimeter CAT IV	193,35
HT37	Digital multimeter 4000 counts TRMS	218,96
HT39	Digital multimeter 4000 counts TRMS with optical serial output	250,98
HT401	TRMS digital multimeter AC+DC	289,39
HT410	Digital multimeter cat III 1000V-Cat IV 600V	185,67
HT60	DMM 4000 counts TRMSCAT IV	133,00

HT61	DMM 6000 counts TRMS CAT IV	165,00
HT62	DMM 6000 counts TRMS CATIV with temp.	195,00
HT63	Professional DMM 6000/60000 counts TRMS CATIV	270,00
HT64	Graphic DMM 6000 counts TRMS CATIV with datalogger	430,24
HT603	Digital multimeter	86,05
HT701	TRMS insulation multimeter	645,37
HT710	Pen multimeter	105,00
HT712	Pen multimeter + phase rotation meter	151,10
IRONMETER	Compact DMM 4000 counts TRMSCAT III	113,22

CURRENT CLAMPS

Order code	Description	PREÇO TABELA
F3000	Flexible clamp with 110mm diameter rogowsky toroid	250,00
HT100	Automatic fork clamp AC 200A	193,35
HT12	Multimeter with built-in fork clamp	158,78
HT4010	Digital clamp AC600A	150,53
HT4011	Digital clamp AC400A Cat III 600V	78,11
HT4012	AC digital clamp	122,24
HT4013	Clamp meter AC/DC 400A CAT III 600V	123,70
HT4020	TRMS 400Aac clamp meter with power measurements	472,33
HT4022	Professional clamp meter 400A	410,76
HT7003	Miniclamp 300A AC	61,98
HT7010	Automatic clamp 400A AC	229,21
HT7011	Automatic digital clamp 200A AC	175,43
HT7016	Digital clamp 1000A AC	291,95
HT77N	Leakage curren clampmeter	501,95
HT78	Leakage current clamp meter	1 910,49
HT9012	Digital AC Clamp 600A 2000 points CAT IV	270,31
HT9014	Clamp meter 600A AC TRMS	190,00
HT9015	Digital clamp AC/DC 600A TRMS 6000 counts CAT IV	250,00
HT9019	Clamp meter 1000A AC TRMS	452,49
HT9020	Clamp-on power quality analyzer 1000A AC/DC TRMS	425,00
HT9021	Clamp meter 1000A AC/DC TRMS	280,00
HT9022	Clamp-on power quality analyzer with Bluetooth connection	1 088,41

ACCESSORIES

Order code	Description	PREÇO TABELA
425	2 cables (black/red), 2 test leads (black/red), 2 pincers (black/red) kit	72,73
44100	Basic kit for digital multimeters	156,22
44700	Basic kit for oscilloscopes	304,76
1066-IECN	Black connector for extensions (4mm banana)	13,06
1066-IECR	Red connector for extensions (4mm banana)	13,06
402-IECN	Black safety test lead	13,06
402-IECR	Red safety test lead	13,06
404-IECN	Black safety test lead (Ø 4 mm)	13,06
404-IECR	Red safety test lead (Ø 4 mm)	13,06
4312-2	2 straight banana professional test leads (red/black)	22,28
4413-2	2 90° banana professional test leads (red/black)	22,28
4717-S-IEC100N	Black retractable test lead	26,89
4717-S-IEC100R	Red retractable test lead	26,89
5004-IECB	Blue 20A alligator clip	16,39
5004-IECN	Black 20A alligator clip	16,39
5004-IECR	Red 20A alligator clip	16,39
5004-IECV	Green 20A alligator clip	16,39
6007-IECN	Black flexible 6A alligator pincer	25,10
6007-IECR	Red flexible 6A alligator pincer	25,10
6009-IECN	Black rigid 20A alligator pincer	22,28
6050MARKER01	Remote unit #1	32,27
6050MARKER0204	Remote units #2 ÷ #4 + 3 patch cables kit	84,51
606-IECN	Magnetic adapter for connection to screw heads	23,56
A0050	Power supply 230V / 50-60Hz EU plug	53,27
A0053	Power supply 115V / 50-60Hz - US plug	65,30
A0055	Power supply 230V / 50-60Hz EU plug	185,67
A0056	Power supply 115V / 50-60Hz - US plug	177,99
ABNACON	Banana to Hypertac adapter	68,38
ACON3F4M	3-pin female to 4-pin male Hypertac adaptor to connect batteried DC current clamps to MPP300	80,67
ACONBIN	Adaptor to connect non-waterproof current clamps to PQA820	67,35
ANALYSISTAB	Ht tablet with pre installed htanalysis	338,05
B80	Carrying case	28,17
BORSA2000	Carrying case	28,17
BORSA2051	Carrying bag	74,27
BORSA2051N	Carrying bag	72,73
BORSA75	Carrying bag	63,77
C2001	Optical to RS232 serial cable	72,73
C2006	Optical serial cable-UsbA	113,96
C2007	UsbA-UsbB cable	10,50
C2032-2MM	European plug to bananas 2 wires power supply cable	32,27
C2033UK	3-banana (black/blue/green) to British plug cable	72,73

C2033X	3-banana (black/blue/green) to Shuko plug cable	35,60
C2075	2-wires (black/blue) Shuko plug	21,00
C232NG1	RS232 serial cable	65,30
C5700	Low Ohm 10A power cable	5,89
C7000	2 double core two bananas to single alligator clip 3m cables for 10A continuity measurements	244,57
C7000/05	2 double core two bananas to single alligator clip 5m cables for 10A continuity measurements	304,76
C7000/10	2 double core two bananas to single alligator clip 10m cables for 10A continuity measurements	412,32
C7051	Shuko-europlug 2 wires power supply cable	10,50
CF800	Compact flash memory card for PQA and SOLAR series	96,80
CN0050	Free hands kit	62,49
COC4-UK	Kit including 4 alligator clips (black/red/blue/green)	41,49
CP-05	Software on CD-ROM and RS232 serial cable	29,71
HP30C2	Transducer for AC currents 0÷200 - 0÷2000 A AC	466,10
HP30C3	Transducer for AC currents 0÷3000 A AC	460,98
HP30D1	Transducer for AC/DC currents 0÷1000 A AC/DC	2 496,95
HT304N	Reference cell with tilt stand and connection cable	1 029,51
HT4003	Transducer for AC currents 400A/0.4V - cable 2m - with banana connectors	86,05
HT4004	Transducer for AC/DC currents 0÷10 - 0÷100 A AC/DC	271,46
HT4004N	Transducer for AC/DC currents 0÷10 - 0÷100 A AC/DC	550,61
HT4004P	Unbattered transducer for AC/DC currents 0÷10 - 0÷100 A AC/DC	732,44
HT4005K	Transducer for AC currents 0÷200 A AC	343,17
HT4005N	Transducer for AC currents 0÷5 - 0÷100 A AC	340,61
HT52/05	Transducer for temperature/humidity measurements - with Hypertac connector	486,59
HT53/05	Transducer for lux measurements - with Hypertac connector	394,39
HT903	Transducer 3x1-5A/1V for connection to CTs with accessories	1 165,24
HT96U	Transducer for AC currents (including leakage current) 0÷1 - 0÷100 - 0÷1000A AC	473,78
HT97U	Transducer for AC currents 0÷10 - 0÷100 - 0÷1000 A AC	430,24
HT98U	Transducer for AC/DC currents 0÷1000 A AC/DC	1 044,88
HTFLEX3003	Set of 3 flexible clamps 0÷300 - 0÷3000 A AC - Ø 174mm - with external driver	1 331,71
HTFLEX33DE	HTflex for VEGA76 only	253,54
HTFLEX33E	Flexible transducer for AC currents Ø 174mm without integrator (not for VEGA76)	249,70
HTFLEX33L	Waterproof flexible transducer for AC currents Ø 174mm without integrator for PQA820	253,54
HTFLEX35	Flexible transducer for AC currents Ø 274mm without integrator	322,68
IMP57	High resolution impedance measurements adapter	2 394,51
KIT0071	Carrying case containing 3 banana-banana cables, 3 alligator clips and 2 earth rods	75,80
KIT0075	Kit including 2 cables (black/green), 2 alligator clips (black/green), 1 test lead (black)	44,56
KIT14000	Kit including 3 high voltage banana to alligator clip cables (black/red/red), 2 high voltage banana t	180,55
KIT4000A	Kit including 2 test leads (black/red)	28,17
KIT800	Kit including 5 cables (black/blue/red/green/brown), 5 alligator clips (black/blue/red/green/brown)	161,34
KITGSC4	Kit including 4 cables (black/blue/red/green), 4 alligator clips (black/blue/red/green)	118,57
KITGSC5	Kit including 4 cables (black/blue/red/green), 4 alligator clips (black/blue/red/green), 2 test leads	121,90
KITMPACC	Kit including 4 alligator clips (black/blue/brown/green)	45,84
KITMPACW	Kit including 4 cables (black/blue/brown/green)	88,87
KITMPPDC	Kit including 2 alligator clips (black/red)	21,77
KITMPPDCW	Kit including 2 cables (black/red)	45,84
KITPCMC3	Kit including 2 Multi-Contact 3 adapters (banana to MC3 male connector / banana to MC3 female c	95,01
KITPCMC4	Kit including 2 Multi-Contact 4 adapters (banana to MC4 male connector / banana to MC4 female c	72,73
KITPVEXT25M	Extension for photovoltaic measurement kit	166,46
KITPVMC3	Kit including 2 Multi-Contact 3 adapters (bananas to MC3 male connector / bananas to MC3 femal	109,61
KITPVMC4	Kit including 2 Multi-Contact 4 adapters (bananas to MC4 male connector / bananas to MC4 femal	89,12
KITERRNE	Carrying case containing 4 banana-banana cables and 4 earth rods	231,77
M304	Mechanical inclinometer for detection of solar incidence angle	115,76
MCR800	USB compact flash reader for PC	59,41
MPP300	Adapter for PV testing on multistring installation	2 883,66
NOCANBA	Hypertac to banana adapter	84,51
P710EU	Black test lead for HT710 and HT712	19,21
P711EU	Red test lead for HT710 and HT712	19,21
PR400	Test lead with remote START button	78,62
PT300N	Double temperature probe (PT1000 + environmental)	158,78
PT400	Stylus	7,17
RCDX10	RCD current multiplier up to 10A	414,88
REM1	Remote unit #1 + patch cable	28,17
REM2	Remote unit #2 + patch cable	28,17
REM3	Remote unit #3 + patch cable	28,17
REM38	Remote units #3 ÷ #8 + 6 patch cables kit	161,34
REM4	Remote unit #4 + patch cable	28,17
REM5	Remote unit #5 + patch cable	28,17
REM6	Remote unit #6 + patch cable	28,17
REM7	Remote unit #7 + patch cable	28,17
REM8	Remote unit #8 + patch cable	28,17
SOLAR02	Remote unit for recording irradiation and temperature	681,22
SP-0400	Free hands kit	41,49
SP-5404	Hard empty carrying bag for tools	89,12
SP-6085	Carrying case	32,78
SSHIELD49	Sun shield for THT41-42-44-49	180,55
SW39	Software with optical serial cable for HT39	83,49
T10	Type K adapter	19,21
T2100	Earth ground clamp meter w/RS232	1 224,15
TK107	Type K probe for air and gas temperature	99,62
TK108	Type K probe for inner temperature of fluids and semisolid substances	94,24
TK109	Type K probe for inner temperature of fluids and solid substances	99,62
TK110	Type K probe for surface temperature	102,18
TK111	Type K probe for surface temperature with 90° fixed tip	107,56

TOPVIEW	Software on CD-ROM and RS232 serial cable C232NG1	276,59
TOPVIEW2006	Software on CD-ROM and optical-to-USB connection cable C2006	299,63
TOPVIEW2007	Software on CD-ROM and USB connection cable C2007	276,59
TRIPO48	Universal tripod adapter	258,66
TRIPO49	Universal tripod adapter	312,44
UNIVERSALKIT	Kit including 3 cables (black/blue/green), 3 alligator clips (black/blue/green), 1 test lead (black)	56,60
VA500	Hard carrying case	184,39
VA501	Hard carrying case	175,43
VA502	Hard carrying case	350,85
VA503	Hard carrying case	350,85
VA504	Hard carrying case	175,43
VA6070	Hard carrying case for THT60/70	161,34
WP1991N	Carrying case	51,22
YAAMS0000000	RJ45 20cm FTP patch cord	5,89
YABAT0003000	Battery PANASONIC HHR210AABxx	9,73
YABAT0004000	Charger for 8 batteries art 30/8660	36,88
YABAT0003HT1	Li-Ion 3,7V rechargeable battery	54,80
YCCA0004000	Logger serial cable 2004	46,10
		-
		-



HAND-TOOLS TO CRIMP SOLAR CONNECTORS

Order code	Description	PREÇO TABELA
		-
R624105-01	Solar connection kit for MC3 / MC4 / Tyco connectors	1 636,46
	Accessories	-
R62418830	Die for 2.5 / 4.0 mm2 Huber & Suhner terminals	226,65
R624194001	Locator for 2.5 / 4.0 / 6.0 mm2 MC3 terminals	169,02
R62419430	Die for 2.5 / 4.0 / 6.0 mm2 MC3 terminals	263,78
R62420530	Die for 4.0 / 6.0 mm2 Huber & Suhner terminals	276,59
R624570001	Locator for 2.5 / 4.0 / 6.0 mm2 MC4 terminals	131,89
R62457030	Die for 2.5 / 4.0 / 6.0 mm2 MC4 terminals	276,59
R624817001	Locator for 1.5 / 2.5 / 4.0 / 6.0 mm2 Tyco terminals	117,29
R62481730	Die for 1.5 / 2.5 / 4.0 / 6.0 mm2 Tyco terminals	414,88
		-
Q1	Universal crimp tool	276,59
		-
R62403230	Die for 0.5 - 1.0 / 1.5 - 2.5 / 4.0 - 6.0 / 10.0 mm2 non-insulated terminals	119,85
R62404530	Die for 0,1 - 0.25 / 0,5 - 1.0 / 0,5 - 1.0 / 1.5 - 2.5 mm2 tab connectors	161,34
R62406030	Die for 0.5 - 1.0 / 1.5 - 2.5 / 4.0 - 6.0 mm2 insulated terminals	123,18
R62408030	Die for RJ9 / RJ25 / RJ45 terminals	256,10
R62409030	Die for 0.25 - 0.75 / 1.0 - 1.5 / 2.5 / 4.0 / 6.0 mm2 insulated and non-insulated ferrules	119,85
R62409130	Die for 10 / 16 / 25 mm2 insulated and non-insulated ferrules	119,85
R62418830	Die for 2.5 / 4.0 mm2 Huber & Suhner terminals	226,65
R624194001	Locator for 2.5 / 4.0 / 6.0 mm2 MC3 terminals	169,02
R62419430	Die for 2.5 / 4.0 / 6.0 mm2 MC3 terminals	263,78
R62420530	Die for 4.0 / 6.0 mm2 Huber & Suhner terminals	276,59
R624570001	Locator for 2.5 / 4.0 / 6.0 mm2 MC4 terminals	131,89
R62457030	Die for 2.5 / 4.0 / 6.0 mm2 MC4 terminals	276,59
R62474230	Die for 0,5 - 1.0 / 0,5 - 1.0 / 1.25 - 2.5 mm2 tab connectors	409,76
R62474530	Die for 1.25 - 2.5 / 3.0 - 4.0 / 4.0 - 6.0 mm2 tab connectors	417,44
R624817001	Locator for 1.5 / 2.5 / 4.0 / 6.0 mm2 Tyco terminals	117,29
R62481730	Die for 1.5 / 2.5 / 4.0 / 6.0 mm2 Tyco terminals	414,88
		-
Q2	Special tool for MC3 assembly	338,05
		-
Q3	Automatic cable stripper	195,91
	Accessories	-
70822330	Stripping blade for 5.5 x 3.0 mm oval shaped PVC and silicone compensating wires	157,50
70822630	Stripping blade for 1.5 / 2.5 / 4.0 / 6.0 mm2 solar cables	157,50
		-
		-

SCREWDRIVERS

Order code	Description	PREÇO TABELA
		-
0,6X3,5	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 3,5X100	7,17
0,8X4,0X100	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 4X100	9,22
1,0X5,5X125	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 5x125	11,78
1,2X6,5X150	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 6,5X150	13,06
1,2X8,0X175	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 8X175	16,39
K01S	Set of 6 screwdrivers	56,60
K02S	Set of 4 screwdrivers	48,91
K21	Set of 4 insulated slotted screwdrivers	38,67

K23	Set of 4 screwdrivers	38,67
K24	Set of 4 insulated screwdrivers	41,49
PH/S1X80	162 i PH/S VDE insulated screwdriver for PlusMinus screws (Phillips/slotted) PHS1	9,22
PH/S2X100	162 i PH/S VDE insulated screwdriver for PlusMinus screws (Phillips/slotted) PHS2	10,50
PH0X80	162 i PH VDE Phillips insulated screwdriver PH0	5,89
PH1X80	162 i PH VDE Phillips insulated screwdriver PH1	9,22
PH2X100	162 i PH VDE Phillips insulated screwdriver PH2	10,50
PH3X150	162 i PH VDE Phillips insulated screwdriver PH3	21,26
PH4X200	162 i PH VDE Phillips insulated screwdriver PH4	35,60
PZ/S1X80	165 i PZ/S VDE insulated screwdriver for PlusMinus screws (Pozidriv/slotted) PZS1	9,22
PZ/S2X100	165 i PZ/S VDE insulated screwdriver for PlusMinus screws (Pozidriv/slotted) PZS2	10,50
PZ0X80	165 i PZ VDE Pozidriv insulated screwdriver PZ0	5,89
PZ1X80	165 i PZ VDE Pozidriv insulated screwdriver PZ1	9,22
PZ2X100	165 i PZ VDE Pozidriv insulated screwdriver PZ2	10,50
PZ3X150	165 i PZ VDE Pozidriv insulated screwdriver PZ3	28,17
PZ4X200	165 i PZ VDE Pozidriv insulated screwdriver PZ4	37,13

PLIERS

Order code	Description	PREÇO TABELA
-	-	-
215/160	VDE flat nose plier	28,17
235/160	VDE radio/telephone (chain nose) plier	32,78
235/200	VDE radio/telephone (chain nose) plier	35,60
236/160	VDE radio/telephone (chain nose) plier	41,49
236/200	VDE radio/telephone (chain nose) plier	41,49
240/160	VDE HD diagonal cutter plier	43,02
240/180	VDE HD diagonal cutter plier	44,56
265/160	VDE multipurpose plier	31,24
265/180	VDE multipurpose plier	35,60
265/200	VDE multipurpose plier	35,60
280/250	VDE waterpump plier	47,38
290/200	Multifunction electrician plier	69,66
291/200	Multifunction electrician plier	66,59

SCISSORS, CABLE CUTTERS AND CABLE STRIPPERS

Order code	Description	PREÇO TABELA
-	-	-
220/170	16mm cable cutter	84,51
220/210	VDE 1000V cable cutter 25 mm	74,27
F02	Multipurpose scissor	13,06
F04	Multipurpose cutter	41,49
F15	Professional scissors for installers	13,06
L03	Set of 5 pcs. spare blades for PC03 and PC04	44,56
L28	Spare blade for S28	6,66
L72	Spare blade for PLUS72	50,45
LZ2	Set of 10 pcs. spare blades for ZN02	2,05
PC03	Cable stripper	28,68
S28	Cable cutter	22,79
S400	Cable stripper	43,02
SF01	Cutter stripper	22,28
SF03	Cable stripper & cutter 0.2 - 6 mm	37,65
SH320-1000V	VDE 1000V cable cutter	338,05
SH500-1000V	VDE 1000V cable cutter	445,61
ZN02	Professional Cutter	13,06
292/200	Professional cable cutter	66,59
F40	Cable cutter, crimp tool and cable stripper in one scissor, provided with safetyholster	30,99
F50	Electrician's scissors w/Terminal crimper cable cutters & belt sheart	22,79
F20	Electrician's scissors with cable cutter	16,39
SF04	Self-adjusting cut and strip tool	118,32
L04	Cable knife blade with plastic box for SF04	41,74

TOOLBOXES

Order code	Description	PREÇO TABELA
-	-	-
INSTALLERS	Bag-saw with 5 professional tools	89,12
MAX INSTALLERS	Bag-saw with 8 professional tools	139,57
PROF K4S	Bag-saw with 4 tools	47,38
SP-3214	Empty box for max installers	20,23
SP-3215	Empty box for installers	18,44
SP-3216	Empty box for PROF K4S	14,85
SP-4246	Empty box for super installers	25,10
SUPER INSTALLERS	Bag-saw with 10 professional tools	183,11

HARD CARRYING CASES

Order code	Description	PREÇO TABELA
-	-	-

61/19S	Hard case with 20 tools	297,07
61/23S	Hard case with 23 tools	443,05
SP-5404	Hard empty carrying bag for tools	89,12
BO12	Toolcase with 10 tools	338,05
BO13	Toolcase with 12 tools	399,51
VN06	Tool case	229,21
		-

HOLE SAWS AND STEP DRILLS

Order code	Description	PREÇO TABELA
		-
KW04-9100	Kit including 6 bi-metal hole saws	94,24
KW31-0318	Steel step drill	121,13
LH4000	Spare blade for SH4010	1,79
SH4010	Small saw	10,50
		-

MEASURING TAPES

Order code	Description	PREÇO TABELA
		-
M5	Nylon measuring tape	8,20
M8	Nylon measuring tape	9,22
		-

HAMMERS

Order code	Description	PREÇO TABELA
		-
400172	Universal Key	16,39
MT GR 300	Hammer	13,57
MTS GR 300	Hammer	28,68
		-

VARIOUS

Order code	Description	PREÇO TABELA
		-
CM01	Crimping tool	119,85
92020	Aluminum levelling bar	21,00
950PKS/9SMN	Ballpoint hex keys	38,67
SAW-8D	Ratchet adjustable wrench	41,49
BUR218E	18 V driller	432,80
GR7.2LI	Lithium battery drill	172,87
		-

ALPHABETICAL INDEX

Order code	Description	PREÇO TABELA
		-
209	Single battery contact for F2000 case	3,33
210	Double battery contact for F2000 case	3,33
425	2 cables (black/red), 2 test leads (black/red), 2 pincers (black/red) kit	72,73
44100	Basic kit for digital multimeters	156,22
44700	Basic kit for oscilloscopes	304,76
92020	Aluminum levelling bar	21,00
400172	Universal Key	16,39
3612531	Chisel mm.250	11,78
3613031	Chisel mm.300	11,78
70822330	Stripping blade for 5.5 x 3.0 mm oval shaped PVC and silicone compensating wires	157,50
70822630	Stripping blade for 1.5 / 2.5 / 4.0 / 6.0 mm2 solar cables	157,50
820005314	Clamp 100 mm for HT-5000	1 324,02
890008852	Kit of cables for HT-5000	458,41
1210050159	Set of wall drills	28,17
0,6X3,5	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 3,5X100	7,17
0,8X4,0X100	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 4X100	9,22
1,0X5,5X125	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 5x125	11,78
1,2X6,5X150	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 6,5X150	13,06
1,2X8,0X175	160 i VDE insulated screwdriver for slotted screws Kratform® Plus 8X175	16,39
1066-IECN	Black connector for extensions (4mm banana)	13,06
1066-IECR	Red connector for extensions (4mm banana)	13,06
17-10038-1	Fuse 11A/1000V for HT401, HT32, HT37 & HT39	24,33
17-10043-1	Fuse 440mA/1000V for HT401,HT701,HT8100	12,55
215/160	VDE flat nose plier	28,17
220/170	16mm cable cutter	84,51
220/210	VDE 1000V cable cutter 25 mm	74,27
235/160	VDE radio/telephone (chain nose) plier	32,78
235/200	VDE radio/telephone (chain nose) plier	35,60
236/160	VDE radio/telephone (chain nose) plier	41,49
236/200	VDE radio/telephone (chain nose) plier	41,49
240/160	VDE HD diagonal cutter plier	43,02
240/180	VDE HD diagonal cutter plier	44,56

2530-02	Remote keyboard	473,78
265/160	VDE multipurpose plier	31,24
265/180	VDE multipurpose plier	35,60
265/200	VDE multipurpose plier	35,60
27-10004-2	Fuse 440mA/1000V for HT401 and HT701	7,68
280/250	VDE waterpump plier	47,38
290/200	Multifunction electrician plier	69,66
291/200	Multifunction electrician plier	66,59
292/200	Professional cable cutter	66,59
402-IECN	Black safety test lead	13,06
402-IECR	Red safety test lead	13,06
404-IECB	Safety test lead dia. 4 mm - BLUE	13,06
404-IECN	Black safety test lead (Ø 4 mm)	13,06
404-IECR	Red safety test lead (Ø 4 mm)	13,06
404-IECV	Safety test lead dia. 4 mm - GREEN	13,06
4312-2	2 straight banana professional test leads (red/black)	22,28
4413-2	2 90° banana professional test leads (red/black)	22,28
4717-S-IEC100N	Black retractable test lead	26,89
4717-S-IEC100R	Red retractable test lead	26,89
5004-IECB	Blue 20A alligator clip	16,39
5004-IECN	Black 20A alligator clip	16,39
5004-IECR	Red 20A alligator clip	16,39
5004-IECV	Green 20A alligator clip	16,39
6007-IECN	Black flexible 6A alligator pincer	25,10
6007-IECR	Red flexible 6A alligator pincer	25,10
6009-IECN	Black rigid 20A alligator pincer	22,28
6009-IECR	Red rigid 20A alligator pincer	22,28
6050MARKER01	Remote unit #1	32,27
6050MARKER0204	Remote units #2 ÷ #4 + 3 patch cables kit	84,51
606-IECN	Magnetic adapter for connection to screw heads	23,56
61/19S	Hard case with 20 tools	297,07
61/23S	Hard case with 23 tools	443,05
80FUSETDC10.5A	Fuse TDC10-500mA per serie 80	7,17
80FUSETDC60010A	Fuse TDC600-10A for series 80	7,17
950PKS/9SMN	Ballpoint hex keys	38,67
A0020	Power adapter 12V DC	44,56
A0050	Power supply 230V / 50-60Hz EU plug	53,27
A0053	Power supply 115V / 50-60Hz - US plug	65,30
A0054	Power adapter	66,59
A0055	Power supply 230V / 50-60Hz EU plug	185,67
A0056	Power supply 115V / 50-60Hz - US plug	177,99
A2010	Kit consisting in 2 cables (black/blue), 2 alligator clips (black/blue), 1 test lead (black)	59,41
ABNACON	Banana to Hypertac adapter	68,38
ACON3F4M	3-pin female to 4-pin male Hypertac adaptor to connect batteried DC current clamps to MPP300	80,67
ACONBIN	Adaptor to connect non-waterproof current clamps to PQA820	67,35
ANALYSISTAB	Ht tablet with pre installed htanalysis	338,05
B80	Carrying case	28,17
BAT45	THT45 rechargeable battery	19,98
BAT45N	THT45 rechargeable battery	19,98
BAT7X	Rechargeable battery for tht47-60-70	70,68
BO12	Toolcase with 10 tools	338,05
BO13	Toolcase with 12 tools	399,51
BOCCOLA2000D	Input socket	7,17
BORSA2000	Carrying case	28,17
BORSA2000N	Neutral carrying case	28,17
BORSA2051	Carrying bag	74,27
BORSA2051N	Carrying bag	72,73
BORSA2098	Carrying case	44,56
BORSA712	Carrying bag	17,67
BORSA75	Carrying bag	63,77
BORSA75N	Carrying case	63,77
BORSAG12	Soft carrying case for G12	3,33
BUO2	High voltage socket	63,77
BUR218E	18 V driller	432,80
C2001	Optical to RS232 serial cable	72,73
C2006	Optical serial cable-UsbA	113,96
C2007	UsbA-UsbB cable	10,50
C2013	Accessory for WiFi connection	368,78
C2032		28,17
C2032-2MM	European plug to bananas 2 wires power supply cable	32,27
C2033UK	3-banana (black/blue/green) to British plug cable	72,73
C2033X	3-banana (black/blue/green) to Shuko plug cable	35,60
C2034	4-wire Shuko cable	56,60
C203801	10A power supply cable	7,17
C203802	Z 2 ohm cable	171,59
C203803	3-wire test cable	188,23
C203804	Cable with 3 safety bananas (blue/black/green)	75,55
C203805	Test cable shuko 2m	129,33
C203807	Three-phase measurement adapter	389,27
C2075	2-wires (black/blue) Shuko plug	21,00
C2075UK	2-banana (black/blue) to British plug cable	60,70
C232NG1	RS232 serial cable	65,30
C304	Connection cable for HT304	117,29

C4050/04	Kit composed of 2 red cables and 2 black cables ending with special connector	117,29
C4050/04-2	Kit composed of 2 red cables and 2 black cables ending with special naked connector	117,29
C5700	Low Ohm 10A power cable	5,89
C7000	2 double core two bananas to single alligator clip 3m cables for 10A continuity measurements	244,57
C7000/05	2 double core two bananas to single alligator clip 5m cables for 10A continuity measurements	304,76
C7000/10	2 double core two bananas to single alligator clip 10m cables for 10A continuity measurements	412,32
C7001	Shuko-europlug 2 wires power supply cable	28,17
C7051	Shuko-europlug 2 wires power supply cable	10,50
CASE1450NF	Case for Fulltest 4050	320,12
CAVOENERGY	4-pole cable for voltage measurements	153,66
CF800	Compact flash memory card for PQA and SOLAR series	96,80
CM01	Crimping tool	119,85
CN0050	Free hands kit	62,49
COC4-UK	Kit including 4 alligator clips (black/red/blue/green)	41,49
COMBI 419	Multifunction tester according to IEC 61557	1 377,80
COMBI 420	Multifunction tester according to IEC 61557 with built-in single phase power quality analyser	1 462,32
COMBICONNAMP	Amperometric connector + 3 contacts	19,98
COMBIEN-007	Optoinsulated pin	5,89
COMBIEN-010	Connector plate	9,22
COMBIEN-011	Battery cover	11,78
COMBIEN-026	Higher belt fixing part - 1 -	1,28
COMBIEN-027	Lower belt fixing part - 2 -	1,28
COMBIEN-031	Battery cover	11,78
COMBIEN-035	Connector plate	9,22
COMBIEN-038G	Protective glass for display	4,61
COMBIEN-038P	Protective glass for display	10,50
COMBIENH-003	Back cover	29,71
COMBIENH-006	Back panel stand	5,89
COMBIEN-H021	Front cover	21,00
COMBIEN-H022	Front housing	16,39
COMBIEN-H024	Back housing	38,67
COMBIEN-H041	Front housing	22,28
COMBIEN-N025	Knob with neutral indicator	18,95
COMBIG2	Multifunction tester according to IEC 61557	1 997,56
COMBINWMOL	COMBI selector spring	5,38
COMBIPLCONBAT1	SERIES CONTACT YF506I with spring (n°3)	3,33
COMBIPLCONBAT2	SERIES CONTACT YF506H with spring (n°2)	3,33
COMBIPLCONBAT3	CONTACT YF50T (n°1)	3,33
COMBIPLCONBAT4	CONTACT YF506W with spring (n°1)	3,33
COMBIPLDISPL	Display	166,46
COMBPL10R207	Switch 10R207HTI	10,50
COMBPL10R209	Switch 10R209HTI	11,78
CP-05	Software on CD-ROM and RS232 serial cable	29,71
D01EP306FT	Hypertac connector	57,88
D01P306MT	Hypertac connector + 3 contacts 12550B	25,10
DM40	Laser meter up to 40 mt.	185,67
EQUITEST5071	Earth conductor resistance (with 10A test current) and Line/Loop imp. meter	1 977,07
ETKIT503501	Kit of labels for MacroTest5035	56,60
F02	Multipurpose scissor	13,06
F04	Multipurpose cutter	41,49
F15	Professional scissors for installers	13,06
F3000	Flexible clamp with 110mm diameter rogowsky toroid	250,00
F40	Cable cutter, crimp tool and cable stripper in one scissor, provided with safetyholster	30,99
F50	Electrician's scissors w/Terminal crimper cable cutters & belt sheart	22,79
FT3BARCR	Barcode reader type voyager	1 021,83
FT3BRSN	Accessory bag	131,89
FT3HVPRB	HV test lead 2 mt. with crocodile clip	161,34
FT3HVPRB1	1 cable banana-croco + 1 cable banana-test tip 2mt HV	1 001,34
FT3HVTIP	Test tip HV banana cable	36,88
FT3KB DEN	USB key board english version	286,83
FT3REDLP	Red warning lamp with 7 mt. cable	330,37
FT3RMTCT	Remote control adppter with start save commands 7 mt.	276,59
FT3SFTSW	Safety switch with 7 mt. cable	153,66
FULLTEST3	IEC/EN 61439 (switchgear and controlgear) and IEC/EN 60204 (electrical equipment for machiner	6 930,00
GEO 416	Digital earth resistance and ground resistivity meter up 50 Kohm	1 042,32
GOK50-R	Kit of flexible probes	3 595,61
GR7.2LI	Lithium battery drill	172,87
GSC60	Multif. tester according to EN61557 and power quality with touch screen	4 500,00
HP30C2	Transducer for AC currents 0÷200 - 0÷2000 A AC	466,10
HP30C3	Transducer for AC currents 0÷3000 A AC	460,98
HP30D1	Transducer for AC/DC currents 0÷1000 A AC/DC	2 496,95
HT100	Automatic fork clamp AC 200A	193,35
HT12	Multimeter with built-in fork clamp	158,78
HT14D	Pocket digital multimeter	32,27
HT154	Digital sound level meter type 2 complete with calibrator HT150	873,29
HT155	Sound level meter type 1	7 001,71
HT157	Sound level meter type 1 with analysis of 1/3 octave band	9 511,46
HT20	Electronic voltage tester HT20S	24,33
HT204	Solar meter	322,68
HT2055	Step contact system s/m	10 433,41
HT21	3 3/1 digits digital multimeter	67,35
HT210	Digital 4000 counts multimeter	102,11
HT211	Digital 4000 counts multimeter	83,49

HT2234N	Optical digital tachometer	481,46
HT25N	Multifunction digital multimeter	47,12
HT300	Professional digital thermometer with 1 input	166,46
HT304N	Reference cell with tilt stand and connection cable	1 029,51
HT307	Digital luxmeter	202,32
HT309	Led light meter	422,56
HT321	Digital multimeter CAT IV	103,46
HT322	Digital multimeter with temperature measurement CAT IV	131,58
HT326	Digital 4000 counts multimeter CAT IV	160,00
HT327	Digital 4000 counts TRMS multimeter CAT IV	193,35
HT3300	Infrared thermometer	155,79
HT3302	Infrared thermometer	179,27
HT3320	IR Video Thermometer	1 129,39
HT37	Digital multimeter 4000 counts TRMS	218,96
HT38	Fuse finder	94,24
HT39	Digital multimeter 4000 counts TRMS with optical serial output	250,98
HT4000	Air temperature/humidity, air speed, air flow and pressure meter	445,61
HT4003	Transducer for AC currents 400A/0.4V - cable 2m - with banana connectors	86,05
HT4004	Transducer for AC/DC currents 0÷10 - 0÷100 A AC/DC	271,46
HT4004N	Transducer for AC/DC currents 0÷10 - 0÷100 A AC/DC	550,61
HT4004P	Unbattered transducer for AC/DC currents 0÷10 - 0÷100 A AC/DC	732,44
HT4005K	Transducer for AC currents 0÷200 A AC	343,17
HT4005N	Transducer for AC currents 0÷5 - 0÷100 A AC	340,61
HT401	TRMS digital mutlimeter AC+DC	289,39
HT4010	Digital clamp AC600A	150,53
HT4011	Digital clamp AC400A Cat III 600V	78,11
HT4012	AC digital clamp	122,24
HT4013	Clamp meter AC/DC 400A CAT III 600V	123,70
HT4020	TRMS 400Aac clamp meter with power measurements	472,33
HT4022	Professional clamp meter 400A	410,76
HT410	Digital multimeter cat III 1000V-Cat IV 600V	185,67
HT5	Lamp tester for gas filled lamps	61,98
HT-5000	Intelligent cable and pipe tracer system	6 307,68
HT52	Transducer for temperature/humidity measurements	233,05
HT52/05	Transducer for temperature/humidity measurements - with Hypertac connector	486,59
HT53/05	Transducer for lux measurements - with Hypertac connector	394,39
HT6	Pen-type multimeter	88,87
HT60	DMM 4000 counts TRMSCAT IV	133,00
HT603	Digital multimeter	86,05
HT61	DMM 6000 counts TRMS CAT IV	165,00
HT62	DMM 6000 counts TRMS CATIV with temp.	195,00
HT63	Professional DMM 6000/60000 counts TRMS CATIV	270,00
HT64	Graphic DMM 6000 counts TRMS CATIV with datalogger	430,24
HT70	Voltage stick with phase sequence tester	46,78
HT7003	Miniclamp 300A AC	61,98
HT701	TRMS insulation multimeter	645,37
HT7010	Automatic clamp 400A AC	229,21
HT7011	Automatic digital clamp 200A AC	175,43
HT7016	Digital clamp 1000A AC	291,95
HT7051	Programmable digital 5kV insulation tester	3 362,56
HT7051N	Programmable digital 5kV-110V insulation tester	3 362,56
HT7052	Programmable digital insulation tester 10 KV	4 707,07
HT710	Pen multimeter	105,00
HT712	Pen multimeter + phase rotation meter	151,10
HT77N	Leakage curren clampmeter	501,95
HT78	Leakage current clamp meter	1 910,49
HT79	TRUE RMS digital clamp 1000A AC	225,37
HT8	Pen-type digital multimeter with built-in non-contact phase sequence/conformity tester	112,94
HT8000	Process calibrator	471,22
HT8051	Process calibrator	573,66
HT8100	TRMS process calibrator	711,95
HT82	Electronic phase sequence meter	128,42
HT9	Pen-type digital multimeter with built-in gas-filled lamp tester and non-contact phase sequence/cc	134,45
HT9012	Digital AC Clamp 600A 2000 points CAT IV	270,31
HT9014	Clamp meter 600A AC TRMS	190,00
HT9015	Digital clamp AC/DC 600A TRMS 6000 counts CAT IV	250,00
HT9019	Clamp meter 1000A AC TRMS	452,49
HT9021	Clamp meter 1000A AC/DC TRMS	280,00
HT9022	Clamp-on power quality analyzer with Bluetooth connection	1 088,41
HT903	Transducer 3x1-5A/1V for connection to CTs with accessories	1 165,24
HT950N	Electronic temperature controller	1 175,49
HT96U	Transducer for AC currents (including leakage current) 0÷1 - 0÷100 - 0÷1000A AC	473,78
HT97U	Transducer for AC currents 0÷10 - 0÷100 - 0÷1000 A AC	430,24
HT98U	Transducer for AC/DC currents 0÷1000 A AC/DC	1 044,88
HTFLEX3003	Set of 3 flexible clamps 0÷300 - 0÷3000 A AC - Ø 174mm - with external driver	1 331,71
HTFLEX33DE	HTflex for VEGA76 only	253,54
HTFLEX33E	Flexible transducer for AC currents Ø 174mm without integrator (not for VEGA76)	249,70
HTFLEX33L	Waterproof flexible transducer for AC currents Ø 174mm without integrator for PQA820	253,54
HTFLEX35	Flexible transducer for AC currents Ø 274mm without integrator	322,68
HV000057-0201	Multifunction instrument, three-phase power analyzer and continuity 10A	4 010,49
HV000078-0203	Power quality analyser CAT IV with 4 CTs HTFLEX33 110V	3 943,90
HV000078-0204	Power quality analyser CAT IV without CTs 110V	3 406,10
HV000078-2201	Power quality analyser CAT IV with 4 CTs HTFLEX33-ITA/ENG/NED/FRA strings	3 879,88

HV000823-0203	Power quality analyser CAT IV with 4 CTs HTFLEX33 and 110V	5 378,05
HV000823-0204	Power quality analyser CAT IV without CTs 110V	4 914,51
HV000823-2201	Power quality analyser CAT IV with 4 CTs HTFLEX33 ITA/ENG/NED/FRA strings	5 306,34
HV000824-0203	Power quality analyser CAT IV with 4 CTs HTFLEX33 and 110V	6 133,54
HV000824-0204	Power quality analyser CAT IV with HT4005N	8 458,90
HV000824-0205	Power quality analyser CAT IV with 4 HTFLEX35	7 196,34
HV000824-0206	Power quality analyser CAT IV without CTs 110V	5 736,59
HV000824-0208	Power quality analyser CAT IV with HT98	6 732,80
HV000824-2201	Power quality analyser CAT IV with CTs HTFLEX33 ITA/	6 133,54
HV0001VW-0201	Single-phase solar installation efficiency tester and I-V curve tracer - provided without any current	5 029,76
HV0001VW-0202	Single-phase solar installation efficiency tester and I-V curve tracer	5 503,54
HV00300N-0202	Solar installation efficiency recorder and power quality analyzer	7 206,59
HV00300N-0204	Solar installation efficiency recorder and power quality analyzer 110V/60Hz	7 206,59
HW1166C	Special carrying case for family 2000	59,41
HW1257A		57,88
IDM70	Laser meter up to 70 mt. with bluetooth	304,76
IM50321HT	Carton for 5035-5070-SIRIUS87-SIRIUS89-GSC	8,71
IMP57	High resolution impedance measurements adapter	2 394,51
INSTALLERS	Bag-saw with 5 professional tools	89,12
IRONMETER	Compact DMM 4000 counts TRMSCAT III	113,22
ISO 410	Digital insulation and continuity meter	985,98
ISOTEST M70	1000V insulation meter, 200mA continuity meter and RMS DMM	512,20
IV400W	I-V curve tracer until 15A with Wifi	4 438,17
K01S	Set of 6 screwdrivers	56,60
K02S	Set of 4 screwdrivers	48,91
K21	Set of 4 insulated slotted screwdrivers	38,67
K23	Set of 4 screwdrivers	38,67
K24	Set of 4 insulated screwdrivers	41,49
K3	Kit of 3 screwdrivers 0,6x3,5x100/0,8x0,4x100/ph1x80	26,89
KG205		3,33
KIT0070	Kit containing 2 banana-banana cables Red/Black, 2 alligator clips R/B and 1 test lead R	44,56
KIT0071	Carrying case containing 3 banana-banana cables, 3 alligator clips and 2 earth rods	75,80
KIT0075	Kit including 2 cables (black/green), 2 alligator clips (black/green), 1 test lead (black)	44,56
KIT13300WS	Kit of cables for withstanding test	112,68
KIT14000	Kit including 3 high voltage banana to alligator clip cables (black/red/red), 2 high voltage banana to alligator clip cables (black/blue/red/green), 2 test leads (black/red)	180,55
KIT14000EX	Kit for high voltage insulation - 3 banana-cocos cables + 2 banana-test lead cables	206,16
KIT4000A	Kit including 2 test leads (black/red)	28,17
KIT800	Kit including 5 cables (black/blue/red/green/brown), 5 alligator clips (black/blue/red/green/brown)	161,34
KIT82	Test leads for HT82	30,73
KITENERGY2	Kit including 4 banana to alligator clip cables (black/blue/red/green)	91,94
KITFULLTEST	Kit composed of 4 black cables, 4 black crocodiles and 1 red cable with safety test lead	129,33
KITGSC4	Kit including 4 cables (black/blue/red/green), 4 alligator clips (black/blue/red/green)	118,57
KITGSC5	Kit including 4 cables (black/blue/red/green), 4 alligator clips (black/blue/red/green), 2 test leads	121,90
KITHT2234	Spare accessories kit for HT2234	38,67
KITISOTEST	3 high voltage banana-alligator clip cables (black/red/red) kit	204,88
KITMPPACC	Kit including 4 alligator clips (black/blue/brown/green)	45,84
KITMPPACW	Kit including 4 cables (black/blue/brown/green)	88,87
KITMPPDCC	Kit including 2 alligator clips (black/red)	21,77
KITMPPDCW	Kit including 2 cables (black/red)	45,84
KITPCMC3	Kit including 2 Multi-Contact 3 adapters (banana to MC3 male connector / banana to MC3 female connector)	95,01
KITPCMC4	Kit including 2 Multi-Contact 4 adapters (banana to MC4 male connector / banana to MC4 female connector)	72,73
KITPVEXT25M	Extension for photovoltaic measurement kit	166,46
KITPVMC3	Kit including 2 Multi-Contact 3 adapters (bananas to MC3 male connector / bananas to MC3 female connector)	109,61
KITPVMC4	Kit including 2 Multi-Contact 4 adapters (bananas to MC4 male connector / bananas to MC4 female connector)	89,12
KITERRC-HT	1 neutral bag containing 4 cables, 4 earth rods and 4 crocodiles	263,78
KITERRNE	Carrying case containing 4 banana-banana cables and 4 earth rods	231,77
KITERRNEX	Kit composed by 4 cables + 4 earth rods + 1 hammer and carrying case	172,87
KW04-9100	Kit including 6 bi-metal hole saws	94,24
KW31-0318	Steel step drill	121,13
L01	Spare blade for PC01	5,89
L03	Set of 5 pcs. spare blades for PC03 and PC04	44,56
L04	Cable knife blade with plastic box for SF04	41,74
L05	Cable knife blade with plastic box	20,23
L28	Spare blade for S28	6,66
L391/35	Spare blade for 391/35	28,17
L72	Spare blade for PLUS72	50,45
LCDHT-20171	Display	59,41
LCDHT-20172	Display	59,41
LEDLIGHT30	3,7v rechargeable telescopic working light	116,01
LH4000	Spare blade for SH4010	1,79
LH4023	Spare blade for SH4020 and SH4030	3,33
LZ2	Set of 10 pcs. spare blades for ZN02	2,05
M304	Mechanical inclinometer for detection of solar incidence angle	115,76
M5	Nylon measuring tape	8,20
M71	Earth resistance meter by two auxiliary earth rods	665,85
M72	500V insulation meter, 200mA continuity meter and TRMS DMM	591,59
M73	RCDs tester, global earth resistance meter and TRMS DMM	673,54
M74	Multifunction safety tester and TRMS DMM	793,90
M75	Multifunction safety tester, TRMS DMM and LAN wire mapper	955,24
M8	Nylon measuring tape	9,22
MACROTESTG1	Ground resistance and bonding continuity tester	1 843,90
MACROTESTG2	Insulation resistance, ground resistance and bonding continuity tester	2 023,17
MACROTESTG3	Multifunction tester according to IEC 61557	2 580,00

MAX INSTALLERS	Bag-saw with 8 professional tools	139,57
MCR800	USB compact flash reader for PC	59,41
MINILITE	Multifunctional aluminium flashlight	13,57
MPP300	Adapter for PV testing on multistring installation	2 883,66
MT GR 300	Hammer	13,57
MTS GR 300	Hammer	28,68
NASTRO	Ink ribbon	38,67
NOCANBA	Hypertac to banana adapter	84,51
P710EU	Black test lead for HT710 and HT712	19,21
P711EU	Red test lead for HT710 and HT712	19,21
P7602	Test leads for HT7602	32,27
PC03	Cable stripper	28,68
PH/S1X80	162 i PH/S VDE insulated screwdriver for PlusMinus screws (Phillips/slotted) PHS1	9,22
PH/S2X100	162 i PH/S VDE insulated screwdriver for PlusMinus screws (Phillips/slotted) PHS2	10,50
PH0X80	162 i PH VDE Phillips insulated screwdriver PH0	5,89
PH1X80	162 i PH VDE Phillips insulated screwdriver PH1	9,22
PH2X100	162 i PH VDE Phillips insulated screwdriver PH2	10,50
PH3X150	162 i PH VDE Phillips insulated screwdriver PH3	21,26
PH4X200	162 i PH VDE Phillips insulated screwdriver PH4	35,60
PISTOLA	Pistol for dielectric withstanding tests	409,76
PQA819	Waterproof, self-powered three-phase power quality analyser with USB and Wi-Fi communication i	2 100,00
PQA820	Waterproof, self-powered three-phase power quality analyser with USB and Wi-Fi communication i	3 426,32
PQA820FULL	PQA820 + ANALYSISTAB2	2 612,20
PQA823	Power quality analyser CAT IV with 4 CTs HTFLEX33E	5 808,51
PQA823S	Power quality analyser CAT IV without CTs	4 681,46
PQA824	Power quality analyser CAT IV with 4 CTs HTFLEX33E	6 133,54
PQA824S	Power quality analyser CAT IV without CTs	5 736,59
PR400	Test lead with remote START button	78,62
PR701	Remote Probe PR701	50,71
PR9	Mobile test lead for HT9	23,05
PROF K4S	Bag-saw with 4 tools	47,38
PT1000	PT1000 temperature Probe	139,57
PT300N	Double temperature probe (PT1000 + environmental)	158,78
PT400	Stylus	7,17
PVCHECKS	PV installation tester 15A	1 851,59
PZ/S1X80	165 i PZ/S VDE insulated screwdriver for PlusMinus screws (Pozidriv/slotted) PZS1	9,22
PZ/S2X100	165 i PZ/S VDE insulated screwdriver for PlusMinus screws (Pozidriv/slotted) PZS2	10,50
PZ0X80	165 i PZ VDE Pozidriv insulated screwdriver PZ0	5,89
PZ1X80	165 i PZ VDE Pozidriv insulated screwdriver PZ1	9,22
PZ2X100	165 i PZ VDE Pozidriv insulated screwdriver PZ2	10,50
PZ3X150	165 i PZ VDE Pozidriv insulated screwdriver PZ3	28,17
PZ4X200	165 i PZ VDE Pozidriv insulated screwdriver PZ4	37,13
Q1	Universal crimp tool	276,59
Q2	Special tool for MC3 assembly	338,05
Q3	Automatic cable stripper	195,91
QUICKLAN 6055	LAN wire mapper (verifier)	231,77
QUICKLAN6050	LAN wire mapper (verifier)	696,59
R10	Earth rod	13,06
R6240003	Crimp system tool PEW 12	186,95
R62403030	Die for 4.0 / 6.0 / 10,0 mm2 non-insulated terminals	119,85
R62403230	Die for 0.5 - 1.0 / 1.5 - 2.5 / 4.0 - 6.0 / 10.0 mm2 non-insulated terminals	119,85
R624045001	Locators for tab connectros	75,55
R62404530	Die for 0,1 - 0.25 / 0,5 - 1.0 / 0,5 - 1.0 / 1.5 - 2.5 mm2 tab connectors	161,34
R624050001		75,55
R62405030		156,22
R62406030	Die for 0.5 - 1.0 / 1.5 - 2.5 / 4.0 - 6.0 mm2 insulated terminals	123,18
R624071130	Die for 1.0 / 1.5 / 2.5 / 4.0 mm2 Wieland terminals	279,15
R624073130	Die for 4.0 / 6.0 / 10.0 mm2 Wieland terminals	279,15
R62408030	Die for RJ9 / RJ25 / RJ45 terminals	256,10
R62409030	Die for 0.25 - 0.75 / 1.0 - 1.5 / 2.5 / 4.0 / 6.0 mm2 insulated and non-insulated ferrules	119,85
R62409130	Die for 10 / 16 / 25 mm2 insulated and non-insulated ferrules	119,85
R6240916		353,41
R624105-01	Solar connection kit for MC3 / MC4 / Tyco connectors	1 636,46
R62418830	Die for 2.5 / 4.0 mm2 Huber & Suhner terminals	226,65
R624194001	Locator for 2.5 / 4.0 / 6.0 mm2 MC3 terminals	169,02
R62419430	Die for 2.5 / 4.0 / 6.0 mm2 MC3 terminals	263,78
R62420530	Die for 4.0 / 6.0 mm2 Huber & Suhner terminals	276,59
R624281001		123,18
R62428130		332,93
R62439830		332,93
R624570001	Locator for 2.5 / 4.0 / 6.0 mm2 MC4 terminals	131,89
R62457030	Die for 2.5 / 4.0 / 6.0 mm2 MC4 terminals	276,59
R62461430		216,40
R62474230	Die for 0,5 - 1.0 / 0,5 - 1.0 / 1.25 - 2.5 mm2 tab connectors	409,76
R62474530	Die for 1.25 - 2.5 / 3.0 - 4.0 / 4.0 - 6.0 mm2 tab connectors	417,44
R624817001	Locator for 1.5 / 2.5 / 4.0 / 6.0 mm2 Tyco terminals	117,29
R62481730	Die for 1.5 / 2.5 / 4.0 / 6.0 mm2 Tyco terminals	414,88
RCDX10	RCD current multiplier up to 10A	414,88
REM1	Remote unit #1 + patch cable	28,17
REM2	Remote unit #2 + patch cable	28,17
REM3	Remote unit #3 + patch cable	28,17
REM38	Remote units #3 ÷ #8 + 6 patch cables kit	161,34
REM4	Remote unit #4 + patch cable	28,17

REM5	Remote unit #5 + patch cable	28,17
REM6	Remote unit #6 + patch cable	28,17
REM7	Remote unit #7 + patch cable	28,17
REM8	Remote unit #8 + patch cable	28,17
RL-11-60	IR wide-angle lens 11MM for THT60	896,34
RL-11-70	Infrared 11mm wide-angle lens for THT70	2 233,17
RL-22-60	IR lens 22MM for THT60	1 493,05
RL-33-60	IR lens 33MM for THT60	2 000,12
RL-38-70	Infrared 38mm tele lens for THT70	3 093,66
S28	Cable cutter	22,79
S400	Cable stripper	43,02
SAW-8D	Ratchet adjustable wrench	41,49
SF01	Cutter stripper	22,28
SF03	Cable stripper & cutter 0.2 - 6 mm	37,65
SF04	Self-adjusting cut and strip tool	118,32
SH320-1000V	VDE 1000V cable cutter	338,05
SH4010	Small saw	10,50
SH500-1000V	VDE 1000V cable cutter	445,61
SOLAR02	Remote unit for recording irradiation and temperature	681,22
SP-0400	Free hands kit	41,49
SP-3214	Empty box for max installers	20,23
SP-3215	Empty box for installers	18,44
SP-3216	Empty box for PROF K4S	14,85
SP-4246	Empty box for super installers	25,10
SP-5404	Hard empty carrying bag for tools	89,12
SP-6085	Carrying case	32,78
SPEED 418	Safety tester for RDC tripping time and earth resistance measurements	1 144,76
SSHIELD49	Sun shield for THT41-42-44-49	180,55
SSHIELD7X	Sun shield for tht47-60-70	14,34
SUPER INSTALLERS	Bag-saw with 10 professional tools	183,11
SW39	Software with optical serial cable for HT39	83,49
T10	Type K adapter	19,21
T2000	Earth ground clamp meter	1 211,34
T2100	Earth ground clamp meter w/RS232	1 224,15
T304	Mounting brackets for HT304	43,02
TESTBOARD	Test board	6 412,68
THT32	Infrared 32x31 pixel imager thermometer	650,00
THT45	Infrared camera 80x80pxl	1 900,00
THT46	Infrared camera 160x120 pxl	3 270,37
THT47	Touchscreen infrared camera 160x120 pxl	3 739,02
THT60	Touchscreen infrared camera 160x120 pixels, FOV 33° x 24°	5 378,05
THT70	Touch screen infrared camera 384x288pxl	7 939,02
TK101	Type K universal probe	13,06
TK105	Probe for plan surfaces	82,98
TK107	Type K probe for air and gas temperature	99,62
TK108	Type K probe for inner temperature of fluids and semisolid substances	94,24
TK109	Type K probe for inner temperature of fluids and solid substances	99,62
TK110	Type K probe for surface temperature	102,18
TK111	Type K probe for surface temperature with 90° fixed tip	107,56
TK112	Type K probe for temperature of rotating bodies	189,51
TOPVIEW	Software on CD-ROM and RS232 serial cable C232NG1	276,59
TOPVIEW2006	Software on CD-ROM and optical-to-USB connection cable C2006	299,63
TOPVIEW2007	Software on CD-ROM and USB connection cable C2007	276,59
TOPVIEWS	Software on CD-ROM with TopView and TopMobile manuals, without serial cable	184,39
TRIPO48	Universal tripod adapter	258,66
TRIPO49	Universal tripod adapter	312,44
TRIPO7X	THT47/60/70 tripod adpter	5,63
UNIVERSALKIT	Kit including 3 cables (black/blue/green), 3 alligator clips (black/blue/green), 1 test lead (black)	56,60
UNIVERSALKITAUS2	Kit consisting in 3 cables (green "piggy back"/red/black), 3 alligator clips (green/red/black), 1 test	63,77
UNIVERSALKITG3	Kit including 3 banana-banana cables (black/blue/red), 1 banana-stackable banana (green), 4 alliç	76,32
VA01	Empty carrying bag for BO8	458,41
VA300	Carrying case	343,17
VA400	Hard carrying case	320,12
VA500	Hard carrying case	184,39
VA501	Hard carrying case	175,43
VA502	Hard carrying case	350,85
VA503	Hard carrying case	350,85
VA504	Hard carrying case	175,43
VA6070	Hard carryng case for THT60/70	161,34
VEGA 78	Power quality analyser CAT IV with 4 CTs HTFLEX33D	4 294,62
VEGA 78S	Power quality analyser CAT IV without CTs	3 244,76
VN03	Empty carrying bag for BO10	289,39
VN06	Tool case	229,21
WP1991N	Carrying case	51,22
XL421	Single-phase current data logger	824,63
XL422	3-phase current datalogger	1 318,90
XL423	Single-phase voltage data logger	576,22
XL424	3-phase voltage data logger	653,05
XLITE	Rechrngeable cob working lamp with european adapter	58,13
YAAMS0000000	RJ45 20cm FTP patch cord	5,89
YABAT0002000	Charger for 4 stilos and ministilos art 300845500	15,11
YABAT0003000	Battery PANASONIC HHR210AABxx	9,73
YABAT0003HT1	Li-Ion 3,7V rechargeable battery	54,80

YABAT0004000	Charger for 8 batteries art 30/8660	36,88
YABAT0006HT0	Battery Ni-MH 4,8V GP380AFH	63,77
YCCAV0004000	Logger serial cable 2004	46,10
YCCNN0019000	Connector JSTF0519	10,50
YCCNN0027000	Male connector	11,78
YCDSC0005HT0	Replacement LCD	627,44
YCDSC0007HT0	Display for COMBI series 400	115,76
YCDSC0007HT1	Display for Combi420/Speed418 COG 128x128 STN Transfl UC1608	82,98
YCDSC0008HT0	Back Light L1201YG5B (cable 75 mm.)	11,78
YCDSC0009HT0	Display for GEO 416	39,95
YCDSC0012HT0		15,11
YCFUS0003HT0	Fuse Bussmann Solar PV-2A10F	16,39
YCPBA0000000	Battery holder BK-5069 for Multitest	13,06
YPCPB0001000	Main PCB	714,51
YPCPB0003000		1 318,90
YPCPB0007000	Display PCB	125,74
YPCPB0007001	Spare part LCD 20201-04 V4-02 display + glass	125,74
YPCPB0008000		106,79
YPCPB0008001	Replacing PCB for display	124,46
YPCPB0009000	Spare PCB 12000-03 V3-01 CPU	732,44
YPCPB0017000		125,74
YPCPB0019000		888,66
YPCPB0019001		888,66
YPCPB0024000	DIMMPXA270 board	637,68
YCTRA0001000		25,10
YMBOC0006000	Input socket	5,89
YMETI0037HT1		19,21
YMETI0042HT1		19,21
YMETI0043HT1	Label COMBI420	16,39
YMPPS0022HT0	Battery cover for Multitest - P433 gray	9,22
YMPPS0022HT1	Screw fixing battery cover	13,06
YMPPS0024HT0	LCD glass for M75	9,22
YMPPS0025HT0	Keyboard for M73 & M75	10,50
YMPPS0028HT0	Rubber holster for Multitest - P1495 orange	13,06
YMPPS0034HT0	LCD with screenprinting for M74	10,50
YMPPS0040HT1	Keyboard (14 keys 60108 with EDB1099E03 key)	34,06
YMPPS0041HT0	60108 10 key keyboard without conductive key EDB1049E01	50,45
YMPPS0041HT1	60108 10 key keyboard without conductive key EDB1182E01 Dis. DS579E01	54,80
YMPPS0043HT1	Right hinge	4,61
YMPPS0044HT1	Left hinge	4,61
YMPPS0045HT0		11,78
YMPPS0045HT1	Battery cover	11,78
YMPPS0048HT1	Right door	4,61
YMPPS0049HT2	Front case	17,67
YMPPS0050HT2	60108 Semiguscio anteriore con foro alimentazione V3.00	21,00
YMPPS0052HT2	60108 Semiguscio posteriore con foro alimentazione V3.00	29,71
YMPPS0058HT1	Right Holster	10,50
YMPPS0059HT1	Left Holster	10,50
YMPPS0061HT1	60108 Input plate	10,76
YMPPS0061HT1	60108 Input plate	10,76
YMPPS0066HT1	Protective glass for Combi 419/420, Geo416	7,17
YMPPS0078HT1	20217 10 key keyboard with conductive key EDB1095E03	41,49
YMPPS0079HT0	Battery holder for HT710/HT712	9,22
YRIC-000	Main PCB for HT2000 series to be calibrated	627,44
ZN02	Professional Cutter	13,06

OS PREÇOS SÃO UNITÁRIOS E ESTÃO SUJEITOS À TAXA DE IVA EM VIGOR

OS PREÇOS PODEM SER ALTERADOS SEM AVISO PRÉVIO

Rio Tinto 2 de Janeiro de 2017

