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## Crimp Tools

### HYT1

#### Pre-Insulated **Single Grip Terminal Crimper**

- **Range:** 2.5mm<sup>2</sup> — 6mm<sup>2</sup> (Red, Blue, Yellow)
- For insulated terminals
- Ratchet release
- Length: 254mm



### HYT7

#### Pre-Insulated Tension Adjustable **Double Grip Terminal Crimper**

- **Range:** 2.5mm<sup>2</sup> — 6mm<sup>2</sup> (Red, Blue, Yellow)
- For insulated terminals
- Ratchet release
- Length: 229mm



### HYAC5

#### Bootlace Ferrule Crimper

- **Range:** 0.5mm<sup>2</sup> — 6mm<sup>2</sup>
- Ratchet release and pressure adjustment feature
- Length: 203mm



### HYAC6

#### Bootlace Ferrule Crimper

- **Range:** 6mm<sup>2</sup> — 16.0mm<sup>2</sup>
- Ratchet release and pressure adjustment feature
- Length: 203mm



### HYAC10

#### Bootlace Ferrule Crimper

- **Range:** 0.5mm<sup>2</sup> — 16.0mm<sup>2</sup>
- Ratchet release and pressure adjustment feature
- Length: 203mm



### HD16L

#### Heavy Duty Crimper (Uninsulated Terminals)

- **Range:** 1.5mm<sup>2</sup> - 16.0mm<sup>2</sup>
- Indent crimper
- Ratchet release feature
- Length: 270mm



Note: Some images and specifications may differ from what is displayed in this brochure.



### Crimp Tools

#### HD0650AU - Hex Crimper

- **Range:** 6/10/16/25/35/50mm<sup>2</sup>
- Hexagonal crimper with movable and rotating dies
- For tubular cable lugs and connectors
- Length: 390mm
- Dies included



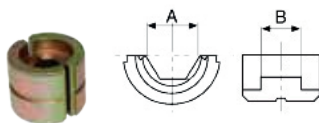
#### HD06120AU - Hex Crimper

- **Range:** 6/10/16/25/35/50/70/95/120mm<sup>2</sup>
- Hexagonal crimper with movable and rotating dies
- For tubular cable lugs and connectors
- Length: 650mm
- Dies included



#### HYCP400 - Hand Hydraulic Crimper

- **Range:** 16mm<sup>2</sup> - 300mm<sup>2</sup>
- Automatic low/high - pressure conversion with rapid/slow operating motion
- Heavy duty case included
- Pressure relief valve for overload protection
- Head rotates 180°
- Dimensions: 612 x 150mm
- Force at die face: 12 metric ton (700 bar)
- C-head opening: 32mm
- **Dies sold separately**



Hydraulic Die Specification and PART NO for Copper Lugs and Links (Dies sold separately)

PART NO.	Die Number	A	B
DIECU16	K12-C16AF6.3	6.3	17.57
DIECU25	K12-C25AF7.7	7.7	17.57
DIECU35	K12-C35AF9.2	9.2	17.57
DIECU50	K12-C50AF10.4	10.4	17.57
DIECU70	K12-C70AF11.5	11.5	17.57
DIECU95	K12-C95AF14.2	14.2	17.57
DIECU120	K12-C120AF16.5	16.5	14.14
DIECU150	K12-C150AF18.3	18.3	14.14
DIECU185	K12-C185AF20.0	20.0	14.14
DIECU240	K12-C240AF23.1	23.1	10.2
DIECU300	K12-C300AF26.0	26.0	10.2
DIECU400	K12-C400AF28.1	28.1	10.2

All dimensions in mm. Subject to technical changes.

Hydraulic Die Specification and PART NO for Aluminium Lugs and Links (Dies sold separately)

PART NO	Description
ALDIE6-35	DIE ALUMINIUM 6-35MM <sup>2</sup> C TYPE A/F 0.9 MM
ALDIE50-70	DIE ALUMINIUM 50-70MM <sup>2</sup> C TYPE A/F 13.2MM
ALDIE95-120	DIE ALUMINIUM 95-120MM <sup>2</sup> C TYPE A/F 17.3MM
ALDIE150-185	DIE ALUMINIUM 150-185MM <sup>2</sup> C TYPE A/F 22MM
ALDIE240-300	DIE ALUMINIUM 240-300MM <sup>2</sup> C TYPE A/F 28.4MM



## Crimp Tools

### FH700FP - Hydraulic Foot Pump

- Length: 720mm
- Weight: 12.0 kg
- Two stage pumping action (700 bar)
- Complete with 2 metre hose



Pioneer 3000 coupling



### HP700A - Hydraulic Hand Pump

- Length: 595mm
- Weight: 9 kg
- Two stage pumping action (700 bar)
- Complete with 2 metre hose



Pioneer 3000 coupling



### HYCP400HE - Hydraulic Crimp Head

- Max output: 11.6 ton
- Range: 16mm<sup>2</sup> - 400mm<sup>2</sup>
- Dies sold separately (Refer to HYCP400 table for die part numbers)



Pioneer 3000 coupling

### HYCP630HE - Hydraulic Crimp Head

- Max output: 22.5 ton
- Range: 16mm<sup>2</sup> - 630mm<sup>2</sup>
- **Dies sold separately**



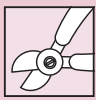
Pioneer 3000 coupling

Die Code	Crimp Sizes
CP630400D	400mm <sup>2</sup>
CP630500D	500mm <sup>2</sup>
CP630630D	630mm <sup>2</sup>

### ADP630HE - Die Adapter

- Enables HYCP630HE to take dies of HYCP400 (Refer to HYCP400 table for die part numbers)

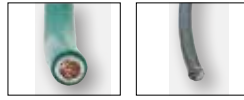




## Cable Cutters and Core Cutters

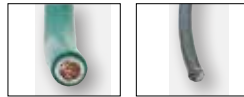
### CC22 - Cable Cutter

- Cuts copper and aluminium
- Cuts up to 25mm<sup>2</sup>
- Length: 165mm



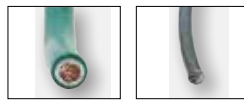
### CC38 - Cable Cutter

- Cuts copper and aluminium
- Cuts up to 38mm<sup>2</sup>
- Length: 210mm



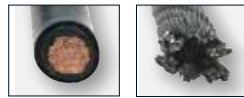
### CC60 - Cable Cutter

- Cuts copper and aluminium
- Cuts up to 60mm<sup>2</sup>
- Length: 235mm



### SCC60 - Cable Cutter

- For steel rod: 5mm max.
- Wire rope: 7mm max.
- Copper cable: 60mm<sup>2</sup>
- AWG 1/0 max.
- Length: 310mm



### RCC325PH - Core Cutter

- Ratchet
- Speedy cutting of copper cable
- Not for steel or hard copper
- Capacity: 380mm<sup>2</sup> diameter
- Length: 290mm



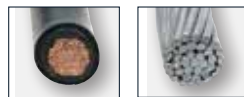
### RCC500 - Core Cutter

- Ratchet
- Speed and safer operation for cutting cables
- Not for steel or hard copper
- Spare blades available
- Capacity 500mm<sup>2</sup> diameter
- Length: 285mm



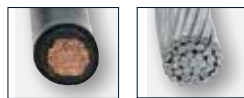
### CC250 - Cable Cutter

- Copper cable: 250mm<sup>2</sup>
- Aluminium cable: 250mm<sup>2</sup>
- Length: 600mm



### CC500 - Cable Cutter

- Copper cable: 500mm<sup>2</sup>
- Aluminium cable: 500mm<sup>2</sup>
- Length: 800mm
- Spare blades available on request (CC500BLD)



### S25 - PVC Pipe Cutter

- 34mm PVC cutter
- Metal handle



Note: Some images and specifications may differ from what is displayed in this brochure.



### Digital Multimeters

#### BM905s - Versatile Multimeter — Dual Display

- Hand Held Multimeter
- Rugged Rubber Case
- Dual Display
- 1000 Volt AC/DC
- 10 Amp AC/DC
- Non Contact Voltage Detection



BMTL20P2



CAT III 600V

<b>DC Voltage</b>	5 ranges 600mV to 1000V
<b>AC Voltage</b>	5 ranges 600mV to 1000V
<b>DC Current</b>	6 ranges 600 $\mu$ A to 10A (20A for 30sec per 5min)
<b>AC Current</b>	6 ranges 600 $\mu$ A to 10A (20A for 30sec per 5min)
<b>Resistance</b>	6 ranges 600 $\Omega$ to 60M $\Omega$
<b>Capacitance</b>	6 ranges 60nF to 3000 $\mu$ F for start & run motor capacitors
<b>Frequency</b>	Line-level Frequency (Dual Display) 4 ranges 9.99Hz to 50kHz
	Logic Level Frequency 6 ranges 5Hz to 300kHz
<b>Safety Category</b>	CAT II - 1000V CATIII - 600V CAT IV - 300V
<b>BMTL20P2</b>	CAT IV 1000V PVC Test Lead

#### BM231 - General Purpose Multimeter — 1000V AC/DC

- Compact Hand Held Multimeter
- Rugged rubber case
- True RMS
- 1000 Volt AC/DC
- 10 Amp AC/DC



BMTL20P2



CAT III 600V

<b>DC Voltage</b>	5 ranges 600mV to 1000V
<b>AC Voltage</b>	5 ranges 600mV to 1000V
<b>DC Current</b>	3 ranges 600 $\mu$ A to 10A (20A for 30sec per 5min)
<b>AC Current</b>	3 ranges 600 $\mu$ A to 10A (20A for 30sec per 5min)
<b>Resistance</b>	6 ranges 600 $\Omega$ to 60M $\Omega$
<b>Capacitance</b>	20nF to 10mF for start & run motor capacitors
<b>Frequency</b>	Line-level Frequency (Dual Display)
	4 ranges 99.99Hz to 50kHz
<b>Safety Category</b>	CAT II - 1000V CATIII - 600V CAT IV - 300V
<b>BMTL20P2</b>	CAT IV 1000V PVC Test Lead



## Digital Multimeters

### BM237R - General Purpose Multimeter — 3 Phase Rotation

- Hand Held True RMS Multimeter
- Rugged rubber case
- Phase Rotation
- 1000 Volt AC/DC
- 10 Amp AC/DC
- BeepLit™ Continuity
- Beep-jack™ input warning
- Non Contact Voltage Detection



BMTL20P2Y



BMTLAC3



<b>DC Voltage</b>	Ranges 600mV to 1000V
<b>AC Voltage</b>	Ranges 600mV to 1000V
<b>DC Current</b>	Ranges 6A to 10A (20A for 30sec per 5min) Ranges 200µA to 2000µA
<b>AC Current</b>	Ranges 6A to 10A (20A for 30sec per 5min) Ranges 200µA to 2000µA
<b>Resistance</b>	Ranges 600Ω to 60MΩ
<b>Capacitance</b>	Ranges 2000nF to 10mF for start & run motor capacitors
<b>Frequency</b>	Line-level Frequency (Dual Display) 4 ranges 9.99Hz to 50kHz
<b>Safety Category</b>	CAT II - 1000V CATIII - 600V CAT IV - 300V
<b>BMTL20P2Y</b>	Red, Black, Yello CAT IV 1000V Test Leads
<b>BMTLAC3</b>	Red, Black, Yellow Alligator Chip

### BM829s - Professional CATIV Multimeter — Dual Display

- Hand Held True RMS Multimeter
- Rugged rubber case
- Bar Graph
- 1000 Volt AC/DC
- 10 Amp AC/DC
- AutoCheck™ Automatic Selection of LoZ DCV, LoZ ACV & Ωs
- Beep-jack™ input warning
- 2 Channel Temperature measurement
- Non Contact Voltage Detection



BMTL20P2



<b>DC Voltage</b>	Ranges 0.01mV to 1000V
<b>AC Voltage</b>	Ranges 0.01mV to 1000V
<b>DC Current</b>	Ranges 0.1µA to 10A (20A for 30sec per 5min)
<b>AC Current</b>	Ranges 0.1µA to 10A (20A for 30sec per 5min)
<b>Resistance</b>	Ranges 0.1Ω to 60MΩ
<b>Capacitance</b>	Ranges 0.01nF to 25mF
<b>Frequency</b>	Line-level Frequency 15Hz to 1kHz Logic Level Frequency 5Hz to 1MHz
<b>Temperature</b>	-50 °C to 1000 °C
<b>Safety Category</b>	CAT IV - 1000V
<b>BMTL20P2</b>	CAT IV 1000V PVC Test Lead



### Digital Multimeters / Clamp Meters



BMTL21S2



BMTLRP21S2

CAT IV 600V

#### BM878 - Multimeter — Insulation Combination

- Ultimate Hand Held 3 in 1 Multimeter, Insulation Tester + Earth continuity tester
- Rugged rubber case
- Bar Graph
- 1000 Volt AC/DC
- 10 Amp AC/DC
- PI (Polarization Index) and DAR
- Dielectric Absorption Ratio's Reatures
- Beep-jack™ input warning
- True RMS
- Temperature measurement

<b>DC Voltage</b>	Ranges 600mV to 1000V
<b>AC Voltage</b>	Ranges 600mV to 1000V
<b>DC Current</b>	Ranges 60mA to 600mA
<b>AC Current</b>	Ranges 60mA to 600mA
<b>Insulation Resistance</b>	Ranges 50, 100, 250, 500 and 1000 Volt
<b>Capacitance</b>	200mA @ 2 Ωs Range 90mA @ 20 Ωs Range Ranges 3μF to 30mF
<b>Frequency</b>	Line-level Frequency 10Hz to 100kHz
<b>Safety Category</b>	CAT III - 1000V - CAT IV - 600V
<b>BMTL21S2</b>	CAT IV 1000V Silicon Test Lead
<b>BMTLRP21S2</b>	Remote Probe For Insulation Measurement



BMTL20CTP

CAT III 600V

#### BM031 - Clamp Meter — 600A AC

- True RMS AC Clamp meter
- Compact to Carry
- AmpTip™ for small conductor measurement
- 600 Amp AC
- 600 Volt AC/DC
- BeepLit™ Continuity and Diode testing feature
- Non Contact Voltage Detection

<b>DC Voltage</b>	600V
<b>AC Voltage</b>	600V
<b>AC Current</b>	Ranges 60Amp (BeepTip™) or 600 Amp
<b>Resistance</b>	600Ω to 6kΩ
<b>Safety Category</b>	CAT II - 1000V CATIII - 600V CAT IV - 300V
<b>BMTL20CTP</b>	CAT IV 1000V PVC Test Leads





### Digital Clamp Meters

#### BM112M - Clamp Meter — 600A AC Dual Display

- Ultra Slim True RMS AC Clamp meter
- Compact to Carry
- Dual Screen for voltage and current measurement
- 600 Amp AC
- 600 Volt AC/DC



BMTL20CTP

CAT III 600V

DC Voltage	600V
AC Voltage	600V
AC Current	0.01A to 600A
Resistance	0.1Ω to 40MΩ
Capacitance	100pF to 3000μF for start & run motor capacitors
Safety Category	CATIII - 600V
BMTL20CTP	CAT IV 1000V PVC Test Leads

#### BM175D - Clamp Meter — 600A AC Dual Display Amptip

- Duo-Core AC Clamp meter
- Compact to Carry
- Dual Screen for voltage and current measurement
- AmpTip™ for small conductor measurement
- Non Contact Voltage Detection
- AutoCheck™ Automatic Selection of LoZ DCV, LoZ ACV & Ωs
- 600 Amp AC
- 600 Volt AC/DC
- VFD-V & Hz for Fundamental V/Hz of most variable frequency drives



BMTL20CTP

CAT III 600V

DC Voltage	600V
AC Voltage	600V
AC Current	Ranges 60Amp (BeepTip™) or 600 Amp
Resistance	600Ω to 6000Ω
Capacitance	200μF to 2500μF for start & run motor capacitors
Temperature	-10 °C to 400 °C
Safety Category	CATIII - 600V
BMTL20CTP	CAT IV 1000V PVC Test Leads



### Digital Clamp Meters



BMTL20CTP



CAT III 600V

#### BM117s - 2000A AC Large Clamp Meter

- AutoCheck™ AC Clamp meter
- Large U-shaped Clamp
- Ghost-Voltage-Buster & EF Detection
- Non Contact Voltage Detection
- 2000 Amp AC
- 600 Volt AC/DC

DC Voltage	600V
AC Voltage	600V
AC Current	0.01A to 2000A
Resistance	0.1Ω to 6MΩ
Capacitance	50nF to 2000μF
Safety Category	CATIII - 600V
BMTL20CTP	CAT IV 1000V PVC Test Leads



BMTL20CTP



CAT III 600V

#### BM062s - Clamp Meter — 400A AC/DC

- Compact 400A AC/DC Clamp meter
- Versatile and Handy
- High Speed Auto-Ranging
- Large Easy to read screen
- 600 Volt AC/DC

DC Voltage	600V
AC Voltage	600V
AC Current	0.01A to 400A
Resistance	0.1Ω to 40MΩ
Capacitance	5nF to 3000μF
Safety Category	CATIII - 600V
BMTL20CTP	CAT IV 1000V PVC Test Leads



BMTL20CTP



CAT III 600V

#### BM162s - Large Clamp Meter — 1000A AC/DC

- Large Jaw 1000A AC/DC Clamp meter
- True RMS
- Versatile and Handy
- High Speed Auto-Ranging
- Large Easy to read screen
- 600 Volt AC/DC

DC Voltage	600V
AC Voltage	600V
AC Current	0.01A to 800A
DC Current	0.01A to 1000A
Resistance	0.1Ω to 40MΩ
Capacitance	5nF to 3000μF
Safety Category	CATIII - 600V
BMTL20CTP	CAT IV 1000V PVC Test Leads



### Digital Volt meter / Insulation Tester



BMTL21L BMTL21SDLI

CAT IV 600V

#### BT-75EU — 1000A AC/DC Voltage Tester LED

- LED Voltage measurement without batteries
- (NCV) Non contact EV detection
- 1000 Volt AC/DC
- RCD function test
- Phase Rotation test
- AC detection when probe vibrates
- True RMS
- Water and Dust resistant to IP65

<b>DC Voltage</b>	12V to 1000V
<b>AC Voltage</b>	12V to 1000V
<b>Resistance</b>	Ranges 1.999k, 19.99k, 199.9k and 1000kΩ
<b>Capacitance</b>	199.9μF to 1999μF
<b>Safety Category</b>	CAT III - 1000V - CAT IV - 600V
<b>BMTL21SDLI</b>	Detachable IP2X Black Test Lead
<b>BMTL21L</b>	Screw-on Stationary IP2X Red Test Lead



LIFETIME WARRANTY

CAT III

#### T1132 1000V Insulation Tester

- Audible and visual safety voltage tester
- Analog insulation and continuity tester as (Trained in Australia)
- Voltmeter (AC and DC)
- Insulation Scale has 1 Mohms at Mid-Scale for ease of readings and fast judgment
- Dual Continuity Scales 0-3 Ohms and 0-500 Ohms
- Zeroing of test leads and fuse resistances by Front Panel Adjustment knob
- Designed in Australia to use with latest AS-NZ 3000
- Discharge of Capacitive and Inductive circuits after insulation test
- Auto Discharge Decay can be observed on meter
- All Scales have the most important AS-NZ 3000 relevant Values

<b>Test Voltages (DC) and Measuring Range</b>	250V (0 - 100MΩ), 500V (0 - 200MΩ), 1000V (0 - 400MΩ)
<b>AC Voltage (V)</b>	0 to 600V
<b>Ohm Meter (Ω)</b>	0-3 Ω and 0-500Ω
<b>Power Source</b>	8 x 1.5V AA Alkaline Batteries
<b>Standard Accessories</b>	Test Leads, Pouch, Shoulder strape
<b>Certificates</b>	Certificate of Conformance