Price

\$21.95

Pen Meters

- Senses the steady state electrostatic field produced by a voltage through insulation without requiring contact to the bare conductor
- Upon detection, tip glows and beeper soundsHigh density red LED light



Item Number

3115

Description Pen style voltage detector light

- Quickly and accurately locate the correct circuit breaker in a panel corresponding to the circuit to which an electrical outlet or fixture is connected
- Tester consists of two parts: a Transmitter, connected to the electrical outlet or fixture and a Receiver, used to scan the panel to locate the correct breaker
- Receiver delivers clear visual and audible indications when the correct breaker has been located
- Operates on 90-120V AC circuits
- Transmitter incorporates a GFCI outlet tester to inspect the wiring condition at the electrical outlet and test GFCI devices
- Transmitter docks in the Receiver for convenient storage as a single item when tester is not is use
- Transmitter incorporates a three-pin plug for connecting to North-American-style grounded electrical outlets.
- The transmitter may be connected to other electrical fixtures using optional accessories which are sold separately.

- Receiver powers off automatically after approximately three minutes of non-use to conserve battery life
- Transmitter is powered by the circuit when connected to the electrical outlet or fixture
- Low battery indicator
- Easily accessible battery compartment. Uses one 9V battery in receiver only; Transmitter does not require a battery
- Built to withstand a 6.6-Foot (2 m) drop
- CAT II 120V safety rating
- Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage mains installation
- Includes Transmitter, Receiver, user manual, and 9V battery (for Receiver)



ET310

Item Number

ET310

Description

Digital Circuit Breaker Finder with GFCI Outlet Tester

- Designed specifically for HVAC applications. Provides non-contact determination of AC voltage in cables, cords, circuit breakers, switches, outlets and wires, as well as AC voltage in security, entertainment, communications, environmental control, and irrigation systems
- Detects AC voltage from 12 to 1000V with visual and audible indicators
- 4:1 distance-to-spot ratio IR thermometer with user selectable degrees Fahrenheit or degrees Celcius from -22 to 482 °F (-30 to 250°C)
- Convenient laser pointer to target measurement area for temperature measurement
- Backlit LCD display with 0.1-Degree resolution
- Auto power-off conserves and extends battery life. Screw-thread battery cap with O-ring ensures dust and water resistance. Lightweight, compact tool with pocket clip provides easy storage and quick access



Item Number

NCVT-4IR

Description Non-Contact Voltage Tester w/Infrared Thermometer

Price

Price

\$69.98

FLUKE TEST EQUIPMENT

Multimeters

- A full-featured, precision multimeter for troubleshooting electrical and electronic systems
- Delivers accurate true-RMS AC current and voltage plus frequency, capacitance, resistance, continuity and diode measurements
- Increases productivity with manual and automatic ranging, Display Hold, Auto Hold, and Min/Max-average recording
- Includes a built-in thermometer to measure temperature without having to carry a separate instrument



Item Number	Description	Price
Includes test leads		
179	True RMS digital multimeters, with built in thermometer	\$349.99

- High accuracy industrial multimeter to measure current, voltage and frequency on complex variable frequency drive (VFD) signals
- Offers true-RMS AC voltage and current for measuring non-linear signals
- Captures intermittents as short as 250 μS
- Safety rated CAT III 1000 V, CAT IV 600 V
- Includes a built-in thermometer and temperature probe



Item Number	Description		Price
Includes test leads			
87-5	Industrial digital multimeter		\$429.99
 Easy-to-use multimeter with integrated VoltAlert™ technology for non-contact voltage detection Features AutoVolt automatic AC/DC voltage selection Provides low input impedance to help prevent false readings due to ghost voltage 	 Presents a large white LED backlight for working in poorly lit areas Features True RMS capabilities for accurate measurements on non-linear loads 	FLUKE 117	
Item Number	Description		Price
Includes test leads			
FI I IKF117	Electrician's multimeter with non-contact voltage and true RMS		\$214.90

FLUKE117

Electrician's multimeter with non contact voltage and true RMS

\$214.99

Multimeters (continued)

- True RMS Digital Multimeter with detachable display
- Measures up to 1000 VAC and DC
- Measures up to 10 A (20 A for 30 seconds)
- Provides a 10,000 μF capacitance range
- Measures frequency to 50 kHz
- Includes a built-in thermometer to measure temperature without a separate instrument



FLUKE 233

Item Number	Description	Price
Includes test leads		
FLUKE233	DMM Meter with remote display	\$349.99

Clamp Meters

- Measure voltage to 1000 VAC through the open fork, without test leads.
- No need to open covers or remove wire nuts.
- Simultaneously measure voltage and current.
- 17.8 mm open fork is widest in the industry; measure up to 200 A on 4/0 wires (120 mm2).
- Go beyond simple detection. Actually measure AC voltage and current values without test leads.



Item Number	Description	Price
Includes test leads		
T6-1000	Electrical Tester, FieldSense Technology	\$279.99
 Battery powered Hall-effect probe measures 1A to 400A, AC or DC 1 mV/ amp output guarantees easy reading on your meter Takes accurate current readings without breaking the circuit 	 Maximum conductor Ø 32 mm (1.18") Cat III 600 volt safety rating 1 year manufacturer warranty 	

Item Number Description

I410

Accessory AC/DC Current Clamp

Price \$279.99

FLUKE TEST EQUIPMENT

Clamp Meters (continued)

- Wireless technology allows the display to be carried up to 30 ft. away from the point of measurement for added flexibility without interference with measurement accuracy
- The removable magnetic display can be conveniently mounted
- iFlex[®] Flexible Current Probe expands the measurement range to 2500A AC
- CAT IV 600 volt, CAT III 1000 volt

- Integrated low pass filter and signal processing allows for use in noisy electrical environments while providing stable readings
- Radio transmitter automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement
- 3 year manufacturer warranty
- Soft carrying case



Description Remote Display True RMS AC/DC Clamp Meter with iFlex®

- 200A AC and DC current measurement with detachable jaw
- 600V AC and DC voltage measurement
- Detachable jaw makes accessing wires and viewing the display easier
- Built in flashlight/torch allows for easy illumination and identification of wires
- CAT III 600V
- State of the art signal processing allows for use in noisy electrical environments while providing stable readings
- Large, easy to read, backlight display
- 3 year manufacturer warranty
- Soft carrying case



FLUKE 365

Item Number

Item Number

FLUKE381

FLUKE365

- Description
- Detachable Jaw True RMS AC/DC Clamp Meter

Price \$269.99

Price

\$624.99

- Compatible with TPAK magnetic hanging strap
- Integrated VFD low pass filter for accurate motor drive measurements
- CAT IV 600 V, CAT III 1000 V safety rating
- Resistance measurement to 60 k Ω with
- continuity detection3 year manufacturer warranty
- Soft carrying case

- High performance clamp meter that measures very low voltage and high resistance
- Transmits measurements to your smartphone via Fluke Connect[®] so you can view them at a safer distance
- Measures AC and DC current to 600 A, and AC and DC voltage to 1000 V
- Measures AC current to 2500 A AC with optional iFlex flexible current probe

FLUKE-375FC

Item Number	Description	Price
FLUKE-375 FC	True RMS AD/DC Clampa Meter, 600A/1000V	\$429.99
FLUKE-376 FC	True RMS AC/DC Clamp Meter with iFlex, 1000A/1000V	\$479.99

Clamp Meters (continued)

ACDC-52NAV

- True-RMS technology improves accuracy in noisy environments
- Measures AC/DC voltage to 1000V, AC/DC current to 600A, plus resistance, frequency, capacitance, power and power factor, total harmonic distortion (THD), and individual harmonics from 1 to 25
- Includes inrush current measurement and phase rotation indication for 3-phase motors
- Non-contact voltage detection enhances safety
- Low pass filter enables measuring voltage and frequency on variable frequency drives
- Continuity beeper quickly identifies shorts and opens

- Large backlit digital display with analog bargraph presents the full picture: min, max, and smart data hold
- In-jaw flashlight automatically lights when jaws open to illuminate dark panels and junction boxes
- Auto power off conserves battery life
- Maximum jaw opening accommodates up to 1.45" (37mm)
- Rubber overmold body absorbs shocks. Unit is drop proof to 4 feet (1.2m)
- CAT IV-rated AC/DC current clamp meter
- Includes test leads, batteries (installed), deluxe carrying case, and user's manual



ACDC-52NAV

Item Number	Description	Price
ACDC-52NAV	True-RMS navigator™ Clamp Meter	\$329.21
		5
Clampmeter 9325		

- Clampmeter 9325
- True RMS measurements
- Temperature from -4° to 1400° F
- CAT III 600 volt
- Capacitance ranges from 40° to 4000°F
- Duty cycle test
- AC/DC current measurement to 1000A
- Frequency measurement from 10 Hz to 10 kHz

True RMS AC measurement is accurate for normal sine wave and modified sine wave inverter output
Simplify operation with auto range. The best range that fits the data is automatically selected.
Compact size for comfortable one-hand operation, portability, and access to confined areas

- Diode & continuity test
- AC/DC voltage measurement to 600V with visual notification
- Backlit display
- Shock absorbing case with overload protection and double insulation
- Battery life approximately 300 hours



9325

Price

\$137.14

Item Number

Clampmeter 8110

9325

Description

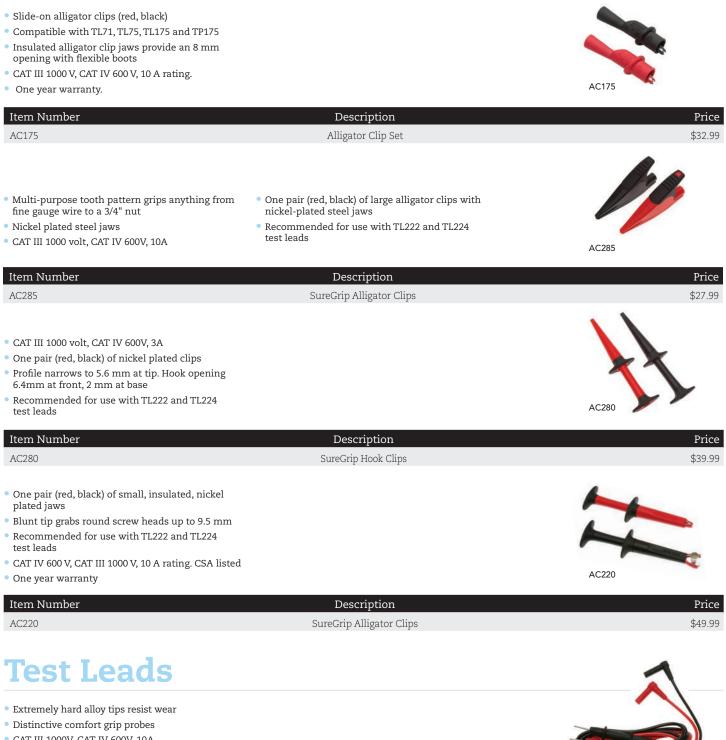
True RMS digital clamp-on meter with a backlit LCD



Item Number	AC Amps	AC Volts	DC Amps	DC Volts	Price
8110	.01-600	.001-600	.01-400	.001-600	\$196.99

FLUKE TEST EQUIPMENT

Modular Clips and Probes



Description

Hard Point Test Lead Set

• CAT III 1000V, CAT IV 600V, 10A

List pricing in catalog is subject to change without notice.

TL75

Price

\$27.99



TL75

Item Number

Test Leads (continued)

- Patented TwistGuard™ extendable tip
- New WearGuard™ lead wire wear indication
- Each test lead is covered by two layers of silicone insulation; inner contrasting color is exposed when the leads are nicked, scuffed, or otherwise damaged and in need of replacement
- Double insulated silicone leads
- Can withstand high temperatures and remain flexible in cold temperatures
- Extra-heavy duty strain relief on both probe-end and plug-end, tested beyond 30,000 bends without failure

- Universal input plugs are compatible with all instruments that accept standard 4mm shrouded banana plugs
- CAT II 1000V, CAT III 1000V, CAT IV 600V • 10A max
- Environmental ratings: -20°C to 55°C (-4°F to 131°F), altitude: 2000 m (6,562 ft)
- Conforms to EN61010-031
- 1 year manufacturer warranty



Item Number	Description	Price
TL175	Twist Guard Test Leads	\$34.99
 Recommended for use with AC220, AC280, and AC283 test clips 		

Superior strain relief

• CAT III 1000V, CAT IV 600V, 10A max



Price

\$32.99

Item Number

TL222

Description

SureGrip Silicone Insulated Test Leads



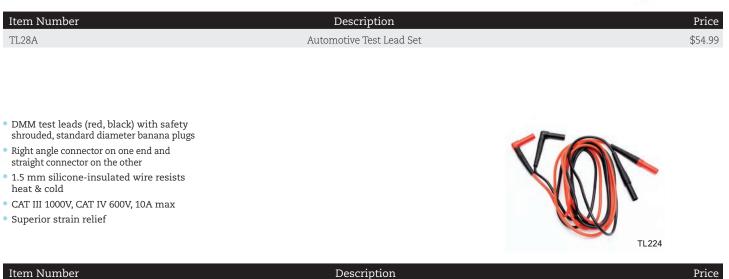
• Retractable, insulated, sharp probe tip

• CAT II 300V, 2A max

Item Number	Description	Price
TL40	Retractable Probe Assembly	\$49.99

FLUKE TEST EQUIPMENT

- Large, solid copper alligator clips with .5" opening
- Flexible silicone insulated leads are heat and cold resistant
- CAT I 30V, 10A max



TL224

Number	Price
ł	\$32.99
ł	

Accessories



ТРАК



TL28A

Item Number	Description	Price
	Accessories	
TPAK	Magnetic meter hanging strap	\$46.99
C25	Soft zippered carrying case (8.5 x 4.9 x 2.5 in.)	\$44.99

Fox and Hound

- Tone generator includes overload protection (120 volt AC line), overload warning beeper, high output tracer tone, selectable tracer tones, red/green telephone line polarity LED (also indicates AC/RING Signal)
- Hound 3 is an inductive probe tracer that features a streamlined design for better access in hard to reach areas and a bandpass filter for suppressing 60Hz and high-frequency noise.
- Includes conductive duck bill tip and metal tips, LED indicator light gets brighter as the signal gets stronger
- *Note: The Fox & Hound series is not intended for use on powered wires or cables (all wires or cables must be non-powered, non-grounded, and non-connected)



		TRIP-3399
Item Number	Description	Price
TRIP-3399	Fox and Hound kit includes: Fox 2 Deluxe Tone Generator with "True Trace" and Hound 3 Probe Inductive Tracer	\$108.83

Plug Bug

- Detects the most common wiring faults in standard, AFCI, and GFCI electrical outlets
- Test AFCI devices by simulating arc fault conditions Test GFCI devices by simulating ground fault
- conditions
- Capable of detecting a dual-open wiring fault with simultaneous open neutral and open ground wires (patent pending technology)
- Tester delivers clear visual indication of the wiring condition at the electrical outlet



9610

Price

\$10.67

Item Number

9610

Description

Plug-Bug2 GFCI / Polarity receptacle tester

Klein

- Designed to test North American-style grounded electrical outlets in 120V AC circuits (incorporates a three-pin plug)
- Electrical plug is on a 10-Inch (254 mm) flexible electrical cord to access electrical outlets in difficult to reach locations
- Low battery indicator and easily accessible battery compartment; Uses 3 x 1.5V AAA alkaline batteries (included)
- Powers off automatically after approximately 2 minutes of non-use to conserve battery life
- Built to withstand a 6.6-Foot (2 m) drop
- CATIII 135V safety rating
- Measurement category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation
- The RT310 features a patent pending AFCI test method that is unique to Klein Tools



Item Number

RT310

Description AFCI /GFCI Outlet Tester

-		.cc
\$6	59.	.98

CAMERAS

Inspection Cameras

- 2.4" TFT LCD Screen
- 72" removable/replaceable snake camera; can be bent to access hidden locations
- Image can rotate 180°
- Camera is 7/16" (11.1mm) in diameter with 2 adjustable white LEDs for illumination
- Camera is waterproof



COBRACAM

- WiFi borescope transmits and displays video and images directly to your smartphone up to 30 Feet (9 m) away
- Waterproof 3/8" (9mm) camera has 6 on-board, adjustable LED lights and outputs high-quality 640 x 480 images
- Tough, armored 6-Foot (1.8 m) waterproof camera gooseneck maneuvers around obstacles while maintaining rigidity
- Battery status indicator tracks the charge level of the lithium-ion battery
- Increase and decrease camera LED output either on the borescope or in the app
- The app not only acts as a display, but stores and shares images and videos via text or email
- Includes convenient pocket clip, USB charging cable, hook attachment, carrying case, and instructions
- The Klein borescope app is available free at the App Store[®] for iPhone[®] users and Google Play[®] for Android[®] users



Item Number	Description	Price
COBRACAM	Portable Inspection Camera	\$166.67
ET20	Klein WiFi Borescope	\$125.98

INFRARED THERMOMETER 🕒 HULL TESTING EQUIPMENT

Klein

- Optical Resolution (Distance-to-spot) is 12:1
- Features include dual-laser targeting; auto-scan; max/min/avg/diff; high/low alarm; backlit display; auto power-off
- Drop protection to 6.6-feet (2 m)
- Measurement Range: -22 to 752 °F (-30 to 400 °C)
- Uses one 9V battery, with battery life expectancy of 10 hours continuous use with laser and backlight on
- Includes custom pouch and batteries
- Adjustable emissivity
- Soft-touch, over-mold housing
- For ambient temperatures above freezing, the accuracy is +/- 4 °F or +/-2%; Accuracy below freezing is +/- 4 °F plus 0.2 degrees per degree below 32 °F
- Certified to IEC EN 61326-1.2006, EN608251.1994+A2.2001+A1.2002



Item Number

IR5

Description Dual Laser Infrared Thermometer

Price \$77.06

Corrosion Testing

- Meter: 0 to 1.5 volt full scale
- 1% full scale accuracy
- Impendence 20,000 Ω to 30,000 Ω total
- Reference cell is silver-silver chloride type silver screen with deposited silver chloride
- Half cell insulated cable length 75ft.

33419-3

Item Number	Description	Price
33419-3	Portable Hull Potential Meter	\$2,930.00

- Determines effectiveness of cathodic protection
- Checks bonding system integrity
- Checks for AC shoreline interference
- Troubleshoots AC and DC electrical system
- Kit Includes: Fluke model 110 digital multimeter with test leads, zinc reference probe with 20' of test lead wire, 25' test lead extension, hardened steel test probe



Item Number

902TI

Description

Corrosion Test Instrument Kit

Price \$539.00

Heat Guns

PH-1100

- ProHeat heat gun: compact, lightweight, easy to use
- Two settings: 430 °F(221 °C) & 840 °F(449 °C)
- 15 CFM airflow
- Built-in stand

HG-801D-01

- Master heat guns: professional, heavy duty, industrial quality, multiple use heat gun
- High temperature rating 1000 °F(540 °C)
- 23 CFM at 3000 FPM airflow
- Adjustable non slip stand
- Sturdy die cast housing



Item Number	Volt	Hz.	Amps	Watts	Price
PH-1100	120	60	6 & 11	656 & 1300	\$129.22
HG-801D-01	120	60	14.5	1740	\$179.00

Torches and Irons

Industrial Torch

- Piezo electric ignition
- Self-contained metal fuel tank
- Adjustable temperature up to 2500 °F(1300 °C)
- Safety lock prevents unintentional ignition
- Approximate run time 30 minutes

Power Torch

- Brass and steel construction
- Gas and air adjustments for optimum flame control
- Up to 2500°F(1300°C)
- Safety lock feature
- Removable base for hands free operation in both vertical and horizontal position
- Approximate run time of up to 220 minutes on one tank

Soldering Iron

- Kit contains: unit, solder tip, heat tip, heat shrink attachment, tip wrenches, sponge, and stand
- Metal storage carrying case
- Built in fuel filter for consistent fuel ignition Built in window indicates fuel level
- 10.3" (260mm) long
- Operating time: 120 minutes on 1 fl. oz tank
- Solder tip temperature: 482°F(250°C) to 932°F(500°C)
- Heat tip temperature: 1202°F(650°C)

Micro Torch

- Spring Loaded Cap
- Electronic Ignitor w/ piezoelectric Ignition
- LED Work Light
- Adjustable Flame









Item Number	Description	Dimensions in " (mm) LxWxH	Price
GT-70	General Industrial Torch	6.5(165.1) x 5(127) x 1.8(45.72)	\$57.00
94600	Butane Power Torch	3.9(100) x 1.4(36) x 5.4(138)	\$117.32
UT-100SIK	00SIK Ultratorch professional soldering tool kit		\$142.00
ML100	Micro Torch		\$20.40

HEAT TOOLS

Ultratorch Accessories

- Iron tips feature leading edge combustion chamber exhaust port design
- Copper based iron tips are manufactured using patented process which produces a uniform iron and chrome plating thickness
- All tips are pre-tinned



70-01-16

70

Item Number	Description	Price
70-01-02	3.3mm diameter chisel soldering tip (standard)	\$17.70
70-01-05	.5mm diameter tapered needle soldering tip	\$17.70
70-01-08	2mm diameter 35° spade soldering tip	\$17.70
70-01-52	5.7 O.D/ 4.9 I.D mm heat tip (standard)	\$17.70
70-01-16	Hot knife tip	\$23.66



Item Number	Description	Price
	Butane	
Both sizes include ca	anister with universal tip adapter	
51773	Ultratane butane .937 oz.	\$5.88
11799	Ultratane butane 3.343 oz.	\$5.51
10448	Ultratane butane 5.125 oz	\$5.18
	Replacement Burners	
80-04U	Burner for UT 100 & UT100SI, Older style torches only: SN2491709 and below	\$33.81
90-07UNS	Burner and ejector for UT100 & UT100SI, New style torches only: SN2491710 and above	\$57.82

HEAT TOOLS

Solder and Soldering Kits

Top-of-the-line professional grade tool is rapidly becoming the standard by which other soldering tools are judged. This versatile multi-function tool kit offers the following features:

- Automatic ignition for a quick and convenient start every time
- Rapid heat-up: fewer delays, improved efficiency
- Multi-function 35W-120W soldering iron, 2400°F torch with hot knife, and hot air blower options
- Large fuel tank with visible fuel level: never run out of fuel while in the field
- Accessories include interchangeable tips, cleaning sponge, and a coil of solder







94901K

51406

604032/1

Item Number	Description	Price
94901K	Processional Soldering Kit	\$128.20
51406	Kwik-Draw Solder	\$9.40
604032/1	Rosin Core Solder, Dia 0.031 In, 1lb	\$74.88
604062/1	Rosin Core Solder, Dia 0.062 In, 1lb	\$63.26

CRIMPERS

Heat Shrink Terminal Crimpers

- Crimping pliers for cable lugs and connectors
- They unlock as soon as the die separation distance is reached, thereby ensuring the correct pressure is applied to the terminal
- The color-coded dies clearly indicate the correct corresponding terminal
- Pawl release lever



Item Number	Description	Price
1212722	Phoenix Ratcheting Crimpers for Heat Shrink Terminals	\$304.74
94230	Ratcheting Crimpers for Heat Shrink Terminals	\$78.41

- 4 dies: 8 AWG, 12-10 AWG, 16-14 AWG, and 22-18 AWG
- Mating mechanism prevents the jaws from slipping or misaligning
- Long handles make it easier to crimp
- Easy to use pawl release
- Ergonomic design



Item Number

T-R-50

Description Terminal crimper, 22-8 AWG range Price \$60.05

Terminal Crimpers

• Die range: 12-10 AWG, 16-14 AWG, and 22-18 AWG"

• For use with insulated terminals and splices



Item Number	Description	Price
58433-3	Pro-crimper	\$145.70

CRIMPERS



Hammer Type Crimp Tool 6AWG-4/0

\$85.17

Terminal Crimpers (Continued)

- Crimping dies are marked for insulated and noninsulated solderless terminals and connectors
 - ons Hot-riveted joint for smooth action and no handle wobble
- Tapered-nose design for working in confined spaces
- Specially hardened wire cutter in nose
- and no handle wobble

 Crimps 10-22 AWG
 Overall length 9-3/4" (248 mm)

V* (4)

		1005
Item Number	Description	Price
1005	Crimping/Cutting tool non-insulated/ insulated terminals	\$42.50
 Designed for crimping non-insulated solderless terminals and connectors Specially hardened wire cutter in nose Tapered nose for working in confined spaces 	 Plastic dipped cushioned handles for comfort Crimps 10-22 AWG Overall length 9-3/4" (248mm) 	1006

Item Number	Description	Price
1006	Crimping/Cutting tool non-insulated terminals	\$47.06

Ferrule Crimpers

- Crimping tool with ratchet mechanism
- Insulated and uninsulated ferrules: 22 AWG to 10 AWG
- Twin wire ferrules: 2 x 22 AWG to 2 x 14 AWG



Item Number	Description	Price
FD2410N	Trapezoidal Ferrule crimper	\$88.00

- Crimping tool with ratcheting mechanism
- Insulated and uninsulated ferrules: 26 AWG to 10 AWG
- Twin wire ferrules: 2 x 22 AWG to 2 x 14 AWG



Item Number	Description	Price
FD2810SQ	Square Ferrule Crimper	\$118.00

Deutsch Crimpers

- Crimps a wide range of connector sizes with no need to change out dies or locators
- Provides symmetrical four indent crimp
- Compact and easy to use for field service



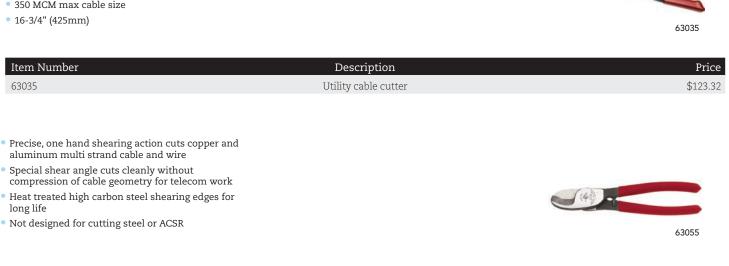
HDT-48-00

6.0
CT4-8

Item Number	Description	Price
HDT-48-00	Hand crimping tool for Deutsch connectors	\$305.33
CT4-8	Hand crimping tool for Deutsch connectors 14, 16, 18 AWG	\$104.00

Cable Cutters

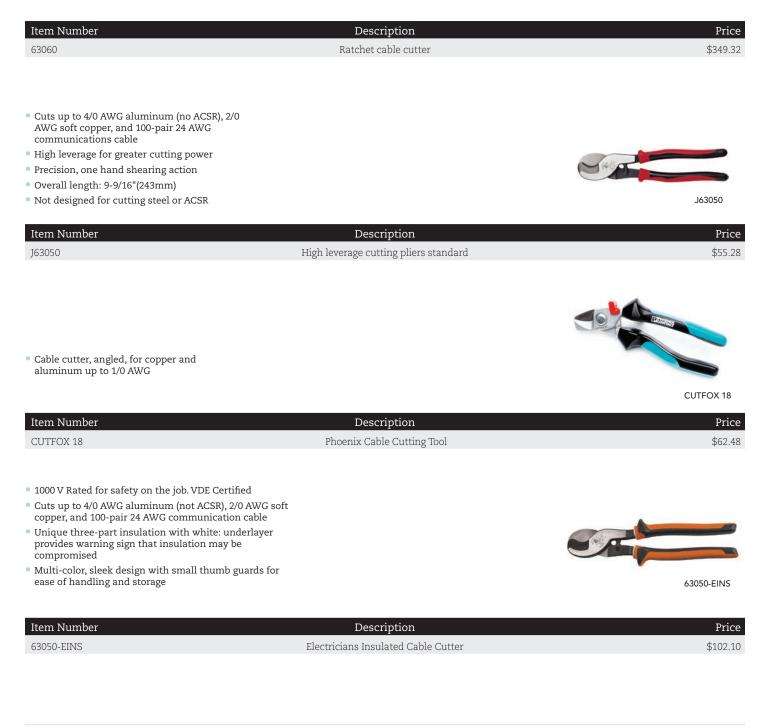
- Shear type hook jaws grab and hold cable while shear cutting action makes clean cuts
- Beveled tips for positive mating
- Hinge bolt with pin set nut for proper blade tension
- 350 MCM max cable size



Item Number	Description	Price
63055	Compact cable cutter	\$59.44

Cable Cutters (continued)

- Cleanly cuts copper up to 400 MCM, aluminum and multi conductor cables up to 600 MCM
- Unique ratchet action holds cable tight and allows rapid, straight cuts with minimum effort
- Hold action spring speeds cutting action
- Not designed for cutting steel or ACSR





63060

CUTTERS

Pliers

- Induction hardened cutting knives for long life.
- Hot riveted joint ensures smooth action and no handle wobble
- Short jaws and beveled cutting edges permit close cutting of wire
- Overall length: 6-1/8"(156mm), jaw length: 13/16"(21mm)
- Semi flush cutting knives



		D202-6
Item Number	Description	Price
D202-6	Standard diagonal, with tapered nose	\$42.00
 Sharp pointed nose for precise tip cutting and trimming Spring loaded for self-opening action Jaw length: 11/16" (17mm), jaw width 9/16" (14mm) 	 Overall length: 5-1/16" (128mm) Semi flush cutting knives Plastic dipped handle 	D209-5C
Item Number	Description	Price
D209-5C	5" Electronics midget diagonal cutting pliers	\$46.34
 Precisely cuts injection mold sprues, gates, and other plastics Adjustable 1/16" (1.5mm) hollow head screw keeps knife edge from damaging each other (not for use on metal) 	 Spring loaded self opening action Overall length: 7-11/16"(195mm), jaw length: 1"(25mm) Flush cutting knives Great for Ty-Wraps 	D227-7C
Item Number	Description	Price
 D227-7C Electronic diagonal cutter Tapered head, without chamfer, with opening spring 	Plastic cutting pliers Non-reflective phosphate-treated surface Punched version	\$73.96
Item Number	Description	Price
1212487	Phoenix Diagonal cutter - MICROFOX-SP-1	\$21.99





Pliers (continued)

- Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs
- Short jaws and beveled cutting edges permit close cutting of wire
- Induction hardened cutting knives for long life
- Hot riveted joint ensures smooth action and no handle wobble
- Overall length 8-1/8"(206mm), jaw length: 13/16"(21mm)



Item Number Description Price J2000-28 High leverage diagonal cutting pliers \$58.80 Angled head design for easy work in Induction hardened cutting knives confined spaces • Hot riveted joint ensures smooth action High leverage design. Rivet is closer to the and no handle wobble cutting edge for 36% greater cutting and Overall length: 8-1/8"(206mm), jaw length: gripping power 13/16"(21mm) Short jaws and beveled cutting edge permit close cutting of wire J2000-48 Item Number Description Price High leverage diagonal cutting pliers with angled head \$60.58 J2000-48 • 5"(127mm) lightweight flush cutter Cushioned grips and steel return spring for increased comfort during repetitive cutting 2 Shears wire up to 18 AWG producing a Ultra slim profile increases access in flat, flush cut confined areas Shear cutting greatly reduces cutting effort and minimizes fly-off Heat treated for increased durability

D275-5

Item Number	Description	Price
D275-5	5" Lightweight Flush Cutter	\$14.12

Ι

Strippers

- Wire looping and bending holes
- Precision ground stripping holes
- Black oxide finish resists corrosion
- Easy to read wire gauge marking on both sides
- Do not use for cutting steel wire or bolts
- Overall length: 6-1/4"(159mm)





		11049
Item Number	Description	Price
11049	Klein Standard Wire Stripper/Cutter	\$21.02
 Precision shear type blades for clean cuts on solid and stranded copper wire Easy to read markings on both sides Precision ground stripping holes 	 Screw shearing holes Overall length: 7-1/8"(181mm) Can cut wire 10-18 AWG solid & 12-20 AWG stranded 	11055
Item Number	Description	Price
11055	Klein Kurve® Wire Stripper/Cutter	\$29.78
 Form ground hardened knife type blades Built in wire cutter & wire looping holes Laser etched wire gauge markings 	 Corrosion resistant, black oxide finish Can strip 14-24 AWG solid wire & 16-26 AWG stranded wire 	45-121
Item Number	Description	Price
 45-121 Wire gripper holds wire centered in stripping hole Cleanly strips wire up to full 7/8" (.22mm) 	T Stripper Wire Stripper • Eliminates nicking, cutting, and fraying of commercial wire • Can strip 10-22 AWG	\$21.48
Item Number	Description	Price
45-292	Stripmaster Wire Stripper	\$65.02

45-292

Strippers (continued)

- Stripping tool, for cables and conductors (especially for cables protected against short circuits and ground leakages)
- 16-10AWG
- Self-adjusting

- Stripping length of up to 3/4"
- Cutting capacity of up to 8AWG stranded/16AWG solid
- Replaceable stripping blade



1212158

		1212130
Item Number	Description	Price
1212158	Phoenix Stripping tool - WIREFOX 6SC	\$192.46
 Stripping tool, for stripping cables of 10AWG-1AWG Insulation thickness of up to 5/32" 	 Pivoting blade for round, lengthwise and spiral cuts 	
		1212158
Item Number	Description	Price
item Number	Description	Price
1212161	Phoenix Stripping tool - WIREFOX-D 40	\$102.30
 1212161 Robust forged steel makes this 4 times stronger than traditional Klein wire strippers 	Phoenix Stripping tool - WIREFOX-D 40 Induction hardened cutting knives for long life 	
1212161 • Robust forged steel makes this 4 times	 Phoenix Stripping tool - WIREFOX-D 40 Induction hardened cutting knives for 	\$102.30
 1212161 Robust forged steel makes this 4 times stronger than traditional Klein wire strippers Precision ground stripping holes for 8-16 AWG solid and 10-18 AWG stranded wire Knurled jaw for twisting, grabbing and looping up to three wires at a time 	 Phoenix Stripping tool - WIREFOX-D 40 Induction hardened cutting knives for long life Hot-riveted joint ensures smooth action 	\$102.30
 1212161 Robust forged steel makes this 4 times stronger than traditional Klein wire strippers Precision ground stripping holes for 8-16 AWG solid and 10-18 AWG stranded wire Knurled jaw for twisting, grabbing and 	 Phoenix Stripping tool - WIREFOX-D 40 Induction hardened cutting knives for long life Hot-riveted joint ensures smooth action and no handle wobble Coil spring provides fast, self-opening 	\$102.30
 1212161 Robust forged steel makes this 4 times stronger than traditional Klein wire strippers Precision ground stripping holes for 8-16 AWG solid and 10-18 AWG stranded wire Knurled jaw for twisting, grabbing and looping up to three wires at a time 	 Phoenix Stripping tool - WIREFOX-D 40 Induction hardened cutting knives for long life Hot-riveted joint ensures smooth action and no handle wobble Coil spring provides fast, self-opening 	\$102.30

Klein-Kurve® Heavy-Duty Wire Stripper 8-18 AWG

Extraction Tools

• For use with Deutsch Terminals and Devices



Item Number	Description	Price
	Deutsch	
0411-240-2005	Removal tool size 20 red	\$4.65
0411-291-1405	Removal tool size 14 green	\$4.65
0411-310-1605	Removal tool size 16 blue	\$4.65
114008	Removal tool size 8 green	\$9.60
114009	Removal tool size 4 white	\$13.08
114010	Removal tool size 12 yellow	\$7.08

Multi Tools

- Crimp 10-22 AWG insulated and non insulated terminals and coaxial connectors
- Cut and strip 8-22 AWG solid and 10-24 AWG stranded wire
- Cut and rethread 4-40, 5-40, 6-32, 8-32, 10-24, 10-32 screws
- Stainless steel blade resists corrosion and nicking
- Precision ground plier nose



Item Number

701009

Description

Price \$35.10

Stainless Steel Cut/Strip/Crimp Tool

Multi Tools (Continued)

- Two wire cutters-one at tip a second one halfway back near stripping holes
- Cleanly shears bolts size: 4-40, 6-32, 8-32, 10-24, 10-32
- Crimping dies color coded for easy identification
- Crimps 7-8 mm insulated and non-insulated terminals, lugs, and splices
- Pivot nut adjusts tension
- Wire cutter in nose and below pivot
 Strips and cuts 10-26 AWG stranded & 8-22 AWG solid
- Overall length: 8-1/2"(216mm)



lugs, and splices		1001
Item Number	Description	Price
1001 H	Clein Multi Purpose Electrician's Tool	\$37.62
 Klein all purpose pliers with crimper Strips cuts, loops, crimps and shears Strips 10-18 AWG Solid and 12-20 AWG stranded wire 6-32 and 8-32 screw shearing crimps non-insulated connectors, lugs and terminals 	 Dual material journeyman handles provide better grip Long nose for extended reach, grabbing and looping wire Forged steel for maximum durability 	J206-8C
Item Number	Description	Price
J207-8CR I	Clein all purpose pliers with crimper	\$65.80
 Strips and cuts 8-16 AWG solid and 10-18 AWG stranded wire Long nose for extended reach, grabbing and looping wire 6-32 and 8-32 screw shearing. Induction-hardened cutting knives for hard wire Hot-riveted joint ensures smooth action with no handle wobble 	 Spring-loaded for self-opening action Dual material journeyman handles provide better grip 	J206-8C
Item Number	Description	Price
J206-8C	flien spring loaded all purpose pliers	\$60.38

Cable Tie Tools

Consistent, positive tension

ST2MT

 Flush cut-off leaves no projections to damage nearby wires or components



Item Number	Description	Price
FD600A	Standard Economy Model	\$38.00
 Used with standard, light-heavy, heavy and extra-heavy cross section Pan-Steel type MLT ties, type MLTC/MLTFC coated ties, and type MLTDH double wrapped ties Cable tie side entry for immediate positioning of tie One hand operation, lightweight 	 Tool tension is controlled by installer, twist action cutters Rugged, lightweight, easy to operate pliers type tool 	ST2MT
Item Number	Description	Price

Stainless Steel Model

\$285.20

Images are representative of products listed and may not be actual product.

Klein		
 Precision machined tip provides exact fit for terminal block screws Tip is up to 19% stronger than average Tip provides 76% higher torque value than the required ASME B107 Standard 	 Cushion-Grip handle offers greater torque comfort Overall length 7.75"(196.85mm) 	612-4
Item Number	Description	Price
612-4	Terminal Block Screwdriver	\$11.62
 Precision machined tip designed for combination head screws Custom heat-treated for long life Cushion-Grip handle for maximum comfort and torque 	 Made in the USA Overall length 4"(102mm) 	Title Tooks
Item Number	Description	Price
7314	Fixed Blade #1 Combo Tip Driver	\$14.30
 Patented Tip-Indent quickly identifies the type of screwdriver and screwdriver tip orientation Premium chrome plated Internal flanges inside handle provide solid, twist resistant blade anchor 	 Integrated screwdriver/nut driver shaft holds 8 popular tips and converts to 3 nut driver sizes. Interchangeable blade for quick and easy switch out Industrial strength, heat tread bits 	32500
Item Number	Description	Price
32500	11-in-1 Screwdriver/Nut Driver	\$25.84

Screwdrivers

 1000 volt rated 			
 Durable, two-layer, molded insulation to meet or 	ALMATONIC		Carta Kankingolisi
exceed all ASTM and IEC standards for insulated tools			KLEINTODES
 Cushion grip handle for greater torque and comfort 			
for easy access	603-7-INS	602-7-INS	33532-INS
 Custom US made tool steel 			

• Made in the USA

Meets IEC60900 and ASTM F1505

Item Number	Тір Туре	Length In "	Hand Style	Price
		Screwdrivers		
603-7-INS	#2 Phillips	7	Round Shank	\$33.02
602-7-INS	5/16" Cabinet	7	Round Shank	\$34.02
33532-INS	1/4" Cabinet & #2 Phillips	4	Round Shank	\$60.36

Images are representative of products listed and may not be actual product.

Tools

Klein (Continued)

- General-purpose selection of the most frequently used screwdrivers
- Includes: three cabinet-tip, two Phillips-tip and two keystone-tip styles
- Cushion-Grip handle for greater torque and comfort
- Premium chrome-plated for smooth feel and corrosion resistance
- Internal flanges inside handle provide solid, twist-resistant blade anchor
- Special heat-treated shafts

Item Number	Description	Price
85076	Screwdriver Set, Slotted and Phillips, 7-Piece	\$84.10

- Ratcheting mechanism allows user to work faster and with more efficiency
- Four different screwdriver bits including #1 and #2 Square, #2 Phillips and 3/16"
- Slotted tips
- Includes ¼" and 5/16" nut drivers
- Cushion-Grip handle for maximum torque and comfort
- Overall length 3.5"(63.5mm)

Description	Price
6-in-1 Stubby Screwdriver Square Recess	\$23.04
	•

- Also suitable for use as a Phillips screwdriver
- .6 x 3.5 x 100 mm HxWxL
- Two-component grip with non-slip texture

Item Number	Description	Price
SZF-1	Acuation tool for ST terminal blocks	\$12.36



32594

SZF-1







SCREWDRIVERS

Klein (Continued)

- Patented tip-indent quickly identifies the type of screwdriver and tip orientation
- Precision tip for an exact fit
- Premium chrome plated shafts for corrosion resistance
- Set includes three cabinet sizes, and one Phillips size



Item Number	Description	Price
85484	4 piece mini cushion grip set	\$35.60
Includes #0 and #00 Phillips plus 1/8" and 3/32" slotted tips		
Rotating cap for optimum and precise control		
 Cushion-Grip handles for maximum comfort when working on small equipment 		NETH FORM
 Heat treated precision ground tip for greater strength 		
Overall length 6.5"(165.1mm)		
		32581
Item Number	Description	Price
32581	4-in-1 Electronics Screwdriver Rotating	\$13.96
 1/4-Inch and 5/16-Inch six-point hex nut drivers 		
 Powerful magnets for maximum 		

 Powerful magnets for maximum fastener-retention

- Solid build quality feels like a conventional nut driver
- Color coded bands for easy identification
- Wrench assist to help remove stubborn fasteners



Item Number	Description	Price
65064	Hex Head 2-in-1 Nut Driver, 1/4-Inch, 5/16-Inch	\$22.68

Klein (Continued)

- Includes interchangeable 3/16", 1/4", 5/16", 3/8", 7/16", and 9/16" sizes
- Heavy duty handle and shaft exceed the torque performance of regular nut drivers
- Wrench assist feature for torque when needed
- Cushion-Grip handle for maximum torque and comfort
- Overall length 9.5"(241mm)

Item Number

32800	6-in-1 Heavy duty multi nut driver	\$39.08
 Through-handle, full-hollow shaft for torquing hex nuts onto threaded rod of any length 		
 Color coding for easy identification of different sizes 		
 Wrench-assist for additional torque 		
 Rare-earth magnetic tip holds nut in place while fastening 		
 Heavy duty handles and shafts exceed the torque performance of regular nut drivers 		
 Includes 1/4", 5/16", 3/8" and 7/16" hex sizes 		
 Overall length 4"(102mm) 		635-4
Item Number	Description	Price
635-4	4 Piece Heavy Duty Nut Driver Set	\$80.50

Description

 Metal control cabinet key, for all common types of control cabinet latches

.

Item Number	Description	Price
12 03 14 9	Phoenix Control cabinet key - USS 4	\$26.48





Unibit Step-Drill Bits

- Two flutes cut faster and keep bit cooler
- Fast-starting, non-walking drill tip
- High-visibility silver step targets for primary hole sizes
- Thick 3/8" hex shank provides a firm, positive grip and won't spin out in the drill



KTSB11

KTSB03

KTSB15

Item Number	No. of steps	Step Increment, in Inches	Size Range (Hole Diameter in")	Pilot Hole Required	Max. step depth	Price
KTSB03	9	1/16"	1/4" to 3/4"	yes, 1/2" or larger	1/8"	\$41.16
KTSB11t	2	3/4"	7/8" to 1-1/8"	no	1/8"	\$62.70
KTSB14	12	1/16"	3/16" to 7/8"	yes, 3/4" or larger	1/8"	\$47.78
KTSB15	3	3/4"	7/8" to 1-3/8"	no	1/8"	\$77.94

Fish Tape

- Multiple grooves molded into the fish tape provides less friction in conduit with or without wires for smoother tape feeding
- Non-conductive fish tape and eyelet tip offer added protection against shock from energized sources
- The 13" case diameter means you can reel in 15% more tape in a single revolution vs. a standard 12" case
- Raised fingergrips help transfer 100% of the winding power from your hand and fingers
- Sloped handle optimizes the position of your hand for quick hand-over-hand rewinds and allows a more level payout of tape on the back swing while feeding conduit
- Made in the USA



56057

Item Number

Description

Price \$127.86

Grooved Fiberglass Fish Tape 50 Foot

Miscellaneous

- Top button moves heavy-duty, razor-edged blade to any of three cutting positions
- Double-ended, reversible blade retracts fully for carrying
- Lightweight aluminum handle is shaped for comfort
- Accepts most standard blades
- Includes 3 standard blades, stored in handle
- Knife holders available (Cat. Nos. 5185, 5248)



Item Number Description Price 44100 Klein Utility Knife with Retractable Blade \$11.90 Black 440A stainless steel tanto-style blade for Dual thumb studs for ambidextrous, onesuperior edge retention and ease of sharpening handed opening Rugged REALTREE XTRA™ camouflage handle with Liner lock secures blade in open position rubber finger grip holds up on the jobsite Deep-pocket/low-carry pocket clip allows Half-serrated, half fine-edge blade allows for slicing the knife to fit completely and securely in and piercing types of cuts a pocket • Lanyard hole allows knife to be tethered safely to 3-1/2-Inch blade length prevent loss, or injury from dropped knife 44222 Item Number Description Price Klein Pocket Knife, REALTREE XTRA™ Camo, Tanto Blade 44222 \$45.34

- Includes: hybrid pliers, wire cutter, wire stripper, pocket knife, No. 2 Phillips screwdriver, slotted screwdriver, metal splinter remover
- Features a wide, knurled plier head to easily grab and twist wires
- Strips 10-14 AWG solid and 12-16 AWG stranded wire
- Both the slotted driver and No. 2 Phillips driver tuck neatly in the handle
- Liner lock keeps knife blade securely in the open position
- Metal splinter remover stores in the durable aluminum handle
- Seven (7) most used functions in one compact everyday-carry multi-tool

44216

	44210
Description	Price
Klein Electrician's Hybrid Plier Multi-Tool	\$36.00
 Glow ring tip charges while the light is on and allows for easy retrieval in the dark Pocket clip for easy, convenient access Aluminum body with cushion-grip handle 	56026
Description	Price
Klein Inspection Penlight with Laser	\$35.00
	TELEVISION FROM TO THE TOTAL TOTAL TO THE TOTAL TO THE TOTAL
Description	Price
Klein Flashlight with Work Light.	\$42.00
	Klein Electrician's Hybrid Plier Multi-Tool • Glow ring tip charges while the light is on and allows for easy retrieval in the dark • Pocket clip for easy, convenient access • Aluminum body with cushion-grip handle Description Klein Inspection Penlight with Laser

Images are representative of products listed and may not be actual product.

Miscellaneous

- Connects wirelessly via Bluetooth or a wired auxiliary input
- 32.8-foot (10 m) connectivity range (in open space)
- 10-Hour battery life
- Drop protected up to 6-1/2' (2 m)
- Powerful rear magnet holds speaker to metal surfaces (panels, ducts, etc.)
- Twist-lock flange mounts to Klein's Lighted Tool
- 1/4-20 threaded mount on bottom allows attachment to any standard tripod
- Rated IP45 water/dust resistant
- Able to answer calls hands-free with the built-in speakerphone
- Includes 1/8-Inch (3.5 mm) stereo auxiliary cable and micro USB-to-standard USB charging cable



 Twist-lock flange mounts to Klein's Lighted Tool Bag (Cat. No. 55431) 		AEPJS1
Item Number	Description	Price
AEPJS1	Klein Wireless Jobsite Speaker	\$56.00
 Excellent all purpose lubricant for electrical and telecommunications and data applications Easy-to-apply gel clings instantly to the cable and allows for easy handling and application Compatible with most types of cable jackets, including polyethylene and semi-conducting jackets 	 Superior "clingability" to coat wires and conduit evenly Clean, non-staining, slow drying formula 	WL-QT
Item Number	Description	Price
WL-QT	Premium Synthetic Polymer 1 Quart Bottle	\$11.18
 Worklight can easily clamp to a ladder or lift Head rotates a full 360 degrees and pivots up to 90 degrees directing light wherever you need it Unit can stand up by itself Includes 4 AA batteries 	 Light projects in front of you, reducing shadows Easy to find glow head recharges when the light is on IP54 rating: dust and water resistant 	56029
Item Number	Description	Price
56029	Clamping Worklight	\$56.00
 Cushion-Grip handle resists slippage and provides the comfort needed for frequent use Bottle cap Tip-Ident[®], allows for quick identification in pouches or crowded drawers Professionally designed and rigorously tested by an exteam to handle both foreign and domestic application 	tool	98002-2

Item Number	Description	Price
98002-2	Bottle Opener	\$11.12

Small Storage

- Heavy duty nylon zipper
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, and spare parts





5139

5139B

Item Number	Description	Price
5139	Canvas zipper bag, 12-1/2" length	\$14.00
5139B	Ballistic nylon zipper bag, 12-1/2" length	\$14.76

Tool Bags

- Dimension WxLxH in"(mm): 17.5(445) x7(178)x15.25(387)
- Separate compartment keeps laptop protected from other tools
- Storage for adapters and cables
- Zipper pocket for files and paperwork
- Organizer pocket for pens, phone, cables, and more
- 22 pockets for organized tool storage
- Orange interior to find tools faster
- Protective guards and water resistant material on bottom protects from the elements
- Shoulder strap and handle for easy carrying



		-
Item	Num	ber

55455M

Description Tradesman Pro Tech Bag

- Rugged 6-inch wheels easily handle rough terrain
- Dimension WxLxH in"(mm): 12.5(318)x 19(483)x14(356)
- 24 pockets for organized tool storage
- Orange interior for easy tool visibility
- Molded kick plate to protect from the elements
- Wide open interior easily accommodates large tools
- Reinforced metal frame stays open for easy loading/unloading
- Load tested up to 200 lbs. (90.7 kg)
- Heavy-duty telescoping handle
- 600D ballistic weave for durability



55452RTB

Description Tradesman Pro Rolling Tool Bag Price \$272.70

55452RTB

Price

\$128.14

Tool Bags (Continued)

- Dimension WxLxH in"(mm): 8(203)x 15.25(388)x14(356)
- Twist on/twist off removable LED light can be positioned to illuminate inside the bag or the workspace
- 31 pockets for organized tool storage
- Fully molded bottom protects from the elements
- Orange interior for easy tool visibility
- 1680D ballistic weave for durability Shoulder strap with extra padding
- and handles for easy carrying Light features swivel hook and
- magnet for hands free use



Item Number

55431

Description



- Dimension WxLxH in"(mm): 7.25(184.2)x 14.5(368.3)x20(508)
- 39 pockets for organized tool storage
- Hard, molded front pocket protects safety glasses
- Front zipper pocket for small parts and tools
- Taller bag and interior pockets allow for long screwdrivers
- Orange interior for easy tool visibility
- 1680D ballistic weave for durability
- Realtree[®]AP-Xtra camouflage design ©2012 by Jordan Outdoor Enterprises, Ltd., all rights reserved



55421BP-14CAMO

Item Number

55421BP-14CAMO

Description

Tradesman Pro Camo Backpack

Price \$166.30

Price

- Dimension WxLxH in"(mm): 7.25(190)x 14.5(368)x20(508)
- 39 pockets for organized tool storage. front pocket protects safety glasses
- Hard molded
- Front zipper pocket for small parts and tools
- Taller bag and interior pockets allow for long screwdrivers
- Fully molded bottom protects from the elements
- Orange interior for easy tool visibility
- 1680D ballistic weave for durability
- Shoulder straps with extra padding and handles for easy carrying



55421BP-14

Item Number

55421BP-14

Description

Tradesman Pro Backpack

