Tools and Test Equipment

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The most reliable tools and testing equipment from top manufacturers at low prices

Tools and Test Equipment

Tools and test equipment are used every day in industrial and commercial facilities to repair, install, and maintain industrial and commercial machinery, instruments, HVAC, and basically every component that keeps facilities running efficiently. AutomationDirect provides the most commonly used tools and test equipment for industrial and commercial purposes. Our tools are designed with the strongest and most reliable materials, with user safety in mind, efficiency of the job provided, and to offer longevity for countless years of reliable service.

Multimeters and Testers

Our professional-grade test equipment includes multimeters that provide quick and accurate measurement of AC/DC voltage, current, resistance, continuity, and more. These meters are top quality recognized meters from Southwire, which also meet or exceed all UL testing standards for their category. All test equipment is available for various measurement parameters with many features.

Tools

AutomationDirect offers quality and reliable tools from well-known industrial professional-grade brands such as Southwire, WERA and RUKO. These tools are used daily to help perform electrical wiring and mechanical installation tasks easily and reliably.

Our selection of quality tools include:

- Wide offering of screwdrivers including insulated, chisel, impact, and miniature styles
- Nutdrivers
- Hexdrivers
- Bit drivers, bits and adapters
- Torque screwdrivers
- Wrenches, ratchets and sockets
- Pliers, stripping and crimping tools
- Hole cutting tools
- Tool bags and cases
- Other tools and accessories such as fish tapes, cable tie tools, and knives

Test Equipment

Multimeters

AutomationDirect has teamed up with Southwire to provide quality tools and test equipment. Southwire is known worldwide as one of the world’s leading developers, manufacturers and suppliers of building wire and utility cable, as well as the tools used in their installation. Find the best tool for your needs and start enjoying safe and reliable service from Southwire tools.

Digital Multimeters

Obtain reliable and accurate readings with Southwire digital multimeters. These meters offer various measuring options and features. All Southwire meters meet or exceed the UL’s various testing equipment standards and carry the UL mark. Regardless if just testing for the presence of voltage, or troubleshooting the toughest problem, we have you covered.

- Up to CAT IV safety ratings
- Test for AC/DC voltage, current, resistance, continuity, capacitance, frequency, duty cycle or temperature
- Auto and manual ranging
- Models available with non-contact voltage detectors and built-in LED flashlight
- Models available with temperature function and include the thermocouple and adapter
- All include batteries and test leads

Clamp-On Multimeters

Our Southwire TrueRMS AC/ DC clamp-on meter measures AC and DC current up to 1000A, plus a host of other parameters. This meter has a UL listed safety rating of CAT IV 600V / CAT III 1000V and are built to get tough jobs done.

- Auto and manual ranging
- 11 measuring functions
- Built in non-contact AC voltage detector
- Powerful LED work light
- Functions: AC/DC voltage, resistance, continuity, capacitance, frequency, duty cycle, temperature, and diode test
- Built-in non-contact AC voltage detector and flashlight
- Includes test leads, Type K temperature probe with banana plug adapter, carrying case, and 9 volt battery

Multimeter Accessories

Southwire multimeter accessories provide additional convenience and replacement options for items such as test leads and alligator clips.

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Test Equipment (continued)

Testers

Southwire continuity and cable testers provide a quick, accurate way to detect and test voltage or continuity on wires and cables. AutomationDirect’s sensor tester helps determine if a sensor is functional before installation.

Voltage Testers

Test for the presence of a voltage on a circuit.
- Green LED means power on, flashing red LED with beeper means voltage detected
- Low battery self-test
- Mode LED: green means high voltage mode, yellow means low voltage mode
- Bright LED flashlight
- Thinner probe tip for working with wall outlets
- On/Off power switch
- Pocket clip for easy storage

Continuity and Cable Testers

These testers provide a simple way of checking continuity on wires and cables by indicating positive continuity and polarity and via LED indication. Models are also available to test continuity status for category-rated and coaxial cables. Some testers feature a detachable remote that allows cables and wires to be tested after installation.

Sensor Tester

Sensor testers are used to save time by testing a sensor from spare stock or a newly installed sensor to determine if it will function properly.
- Fast field check of various sensor types
- LED and acoustic indicator
- Current supply to 100mA
- Rechargeable battery
- Universal micro-USB charger port

Screwdriving Tools

Screwdrivers

Wera and Southwire are world leaders in the manufacturing of screwdrivers, hexdrivers and nutdrivers. Both are well-known for their attention to quality, ease of use, and a safety-friendly design. Accomplish any job without having to fight your own tools for a good grip or tight hold.

Standard Screwdrivers

Kraftform Plus screwdrivers transfer more torque with less effort, relieving physical stress even during intensive use.
- Slotted and Phillips screwdrivers
- Screwdriver sets with assortment of various sizes of slotted and Phillips screwdrivers

Insulated Screwdrivers

Wera insulated screwdrivers are made with safety in mind. Series 100 VDE screwdrivers provide a blade quality that exceeds current standards with respect to hardness and torque strength.
- Tested for electric strength and safety for up to 1000V
- Slotted and Phillips screwdrivers
- Screwdriver sets with assortment of various sizes of slotted and Phillips screwdrivers
- Sets also available with interchangeable blades

Chisel Screwdrivers and Impact Drivers

Wera chisel screwdrivers have a hexagonal blade that goes through the handle to an impact cap with integral 1/4 inch square socket, making it easy to use a hammer to chisel or impact when needed for a job.
- Chisel slotted and Phillips screwdrivers
- Screwdriver sets with assortment of various sizes of slotted and Phillips screwdrivers

Miniature Screwdrivers

The hand support on the easy-turning cap and the fast-turning zone below the cap on Wera miniature screwdrivers accelerate the screw driving process.
- Slotted and Phillips screwdrivers
- Screwdriver sets with assortment of various sizes of slotted and Phillips screwdrivers

Nutdrivers

Wera nutdrivers have Kraftform Plus handles, have shafts made of chrome-plated steel, and are hollow to allow access to nuts on long screws. These nutdrivers are available in imperial (SAE) or metric sizes.

The Southwire nutdriver set includes a heavy-duty driver with a steel shank with bolsters for wrench assisted turning, plus six imperial (SAE) bit sizes.
Multi-Bit Drivers

MEGAPRO custom loaded multi-bit screwdrivers are versatile and reliable tools designed to provide common or specialized service covering all types of industrial applications. Select the series that best serves your application and enjoy an easy-to-use tool with lifetime warranty.

- Industrial grade S2 steel bits perfect for any job
- Alloy steel shaft serves as 1/4" hex nut driver
- Retractable cartridge for easy bit access and storage
- Palm-saver technology improves use comfort
- EZ guide collar helps maintain full contact between the bit and the screw
- Ultra-strong Triax 1120 resin handle, an ABS-Nylon alloy
- Lifetime warranty for manufacturer’s defects (does not cover normal wear and tear, product abuse, or product modification)

151NAS ORIGINAL Series Screwdrivers

Commonly used for typical everyday tasks, this screwdriver includes (2) Phillips, (2) square, (2) Torx, and (1) flat double-ended S2 steel hex bits in various sizes.

151ELEC ELECTRONIC Series Screwdrivers

Commonly used for all types of electronic industries, this screwdriver includes (2) Phillips, (1) square, (1) Torx, (1) flat, and (2) spanner double-ended S2 steel hex bits in various sizes.

151HX HEX Series Screwdrivers

This screwdriver includes (7) double-ended S2 steel hex bits to provide 14 popular sizes.

151AUTO AUTOMOTIVE Series Screwdrivers

Providing the most common bits used for any type of automotive application, this screwdriver includes (4) Torx, (1) Phillips, (1) flat/valve stem, and (1) 1/4" socket adapter double-ended S2 steel hex bits in various sizes.

151SL44 SHAFTLOK Series Screwdrivers

SHAFTLOK series screwdrivers have a patented locking mechanism that holds the bit tight. This screwdriver includes (2) Torx, (2) Phillips, (1) flat, and (2) square double-ended S2 steel hex bits in various sizes.

6EXT-SL6 SHAFTLOK Series Screwdriver Extension

This solid steel 6-inch shaft extension locks into the SHAFTLOK screwdrivers and can also be used in power drills; multiple extensions can be locked together for extra long reach.

251PRECISION PRECISION Series Screwdrivers

This screwdriver has a patented retractable bit cartridge and a rubberized handle for extra comfort. This tool includes (2) hex, (1) pentalobe, (2) Phillips, (2) flat, (1) spanner/triangle, (2) Torx/Torx pin, (1) Torx/Phillips, (1) Torx pin double-ended S2 steel hex bits in various sizes.

211R2C36RD RATCHETING Series Screwdrivers

This screwdriver provides a ratcheting action that allows quick tightening of screws. This tool includes (1) square, (2) Phillips, (1) flat, (2) Torx double-ended S2 steel hex bits in various sizes.

Hexdrivers, Bit Drivers, Bits and Adapters

Hexdrivers

Hexdrivers are hexagon shaped tools used to tighten or loosen hexagon socket screws. These hexdrivers provide more contact surface inside the screw, which prevents rounding.

- Various piece choices for metric or imperial L-key sets in various sizes
- Multicolor L-key sets
- T-handle sets

Bit drivers, Bits and Adapters

Bits are designed for demanding applications in trade and many industries. Bits are used with bit drivers and adapters to transfer high torque loads while providing safe operation and extremely durable service.

- Screwdriver sets with slotted and Phillips bits stored in handle
- Driver bits, bit sets and bit adapter
- S2-piece and 20-piece bit driver sets

Torque Screwdrivers

Torque Screwdrivers

Torque screwdrivers provide torque controlled tightening to prevent damage to screws or work pieces and to guarantee the integrity of screw connections.

- 1/4" hex torque drivers available in various adjustable torque settings ranging from 2.5 up to 29 in-lb
- 27-piece torque screwdriver set
- 25-55 in-lb torque screwdriver
Wrenches, Ratchets and Socket Sets

Wrenches

Wera Joker Combination Ratchet Wrenches
Wera Joker combination ratchet wrenches revolutionized the humble wrench. The 12-point open end features a unique 6-point stop plate that enables easier turning of bolts and also provides improved grip for loosening stubborn bolts. The fine tooth ratchet mechanism is exceptional for working in tight spaces. Joker wrenches feature chrome molybdenum steel construction with a nickel-chrome coating for corrosion protection.

- Designed for hexagonal nuts and bolts
- Ratcheting wrenches with a metal plate in the jaw provide unique holding function
- 30° return angle at open end and avoids time-consuming wrench flipping
- Ratchet mechanism has an exceptionally fine (80-tooth) mechanism for very tight workspaces
- Specially forged geometry for high torque transfer and strength

Ratchets and Sockets

Wera Ratchets and Socket Sets
Wera ratchets and socket sets are available for a variety of fastening tasks. These ratchets and sockets are corrosion-resistant and feature simple direction change mechanisms and small return angles for fast, precise work in small spaces. Series available include:

- Wera Bit-Check: 31-piece driver bit set with a Zyklop mini bit ratchet, 1/4 inch drive, and a range of slotted, Phillips, Hex-Plus, Square-Plus and Torx bits.
- Wera Tool-Check: 38-piece driver bit and socket set with a Zyklop mini bit ratchet, a 1/4 inch drive, and assorted bits and sockets.
- Wera Zyklop Mini: A ratchet designed for easy, flexible fastening using 1/4” bits and sockets. This ratchet features a compact design with a small 5° return angle, a thumbwheel for quick operation, and a switch lever for convenient direction change.
- Wera Zyklop Speed: This ratchet has Kraftform Plus handles that provide great grip and comfort for a wristed hand that locks in 2 different degree positions, and a fine tooth ratchet design that allows operation in tight spaces with a travel as small as 5 degrees.

Pliers, Stripping and Crimping Tools

Pliers and Cutters

Southwire Pliers and Cutters
Southwire’s pliers and cutters are made from American forged steel and assembled with hot rivet technology.

- Built to withstand the wear-and-tear of any job
- Beveled cutting edges with heat-treated steel
- Comfortable handles for effortless crimping
- Available tools include wire strippers/cutters, diagonal cutters, cable shears, lineman pliers, crimping pliers.

Wire Cutting and Stripping Tools

Self-Adjusting Crimping Tools
Our self-adjusting ferrule and end sleeves crimping tools are lightweight, compact, comfortable and very easy to use.

- Ratchet (with emergency release) ensures crimps are according to specification
- Well-balanced and non-slip grip avoid slipping out of the hand
- Ergonomic handles with hardness and surface textures for comfortable frequent use
- Low handle force for larger ferrule sizes
- Compact and light-weight design for easy access within confined spaces
- Hole for attaching a safety strap
- Multiple crimp profiles available

Fixed and Replaceable Die Crimping Tools
Our crimping tools are designed for insulated and non-insulated wire ferrules.

- Versatile and easy to customize for right hand or left hand users
- Non-slip pad holds tool in place when leveraging on a work surface
- Full cycle crimp mechanism to ensure consistent, reliable crimp
- Oval crimp for insulated connectors with color coded connector reference (DN-CT-RBY)
- Models available with replaceable dies for insulated and non-insulated terminals, ferrules and assorted connectors

Wire Cutting and Stripping Tools

Our wire cutting and stripping tools can handle 90% of wires by simply exchanging the easily interchangeable blades, which are available for a wide range of insulations.

- Widest stripping capacity of any tool of its type
- Pistol grip option (DN-WS-PG) provides stress-free comfort
- Easily interchangeable stripping cassettes available for stripping a wide range of most modern insulation types, from PVC to PTTE, color coded by stripping blade type
- Precise adjustability strips various insulation thicknesses without damage to conductors
- Easy snag-free wire removal after stripping
- Cutting capacity: Stranded conductors to 2AWG (10 mm²) /Solid conductors to 16 AWG (1.5 mm²)

Cable Stripping and Dismantling Tools

Our heavy-duty or compact cable strippers are ideal for removing jacket material from all types of cables. The replaceable blades and ergonomic design make these tools ideal for preparing cables for connections and terminations.

- Cable stripping capacities of up to 3.57” with insulation thickness up to 0.177”
- Models tested for up to 100,000 cycle
- No exposed blades
- DN-CT-1 includes 2 hook sizes to accommodate multiple cable diameters
- DN-CT has a 9-position blade height adjustment wheel for fine adjustments and repeatability
Hole Cutting Tools

Hole Cutting Tools
Hole cutting tools are used to cut or punch holes in metals and plastic surfaces. These high-quality tools cut quickly and cleanly for a variety of applications such as electrical, heating technologies and automotive. These tools include step drills, drill bits, thread taps, knockout punches, and hole saws.

Step Drills
These self-starting drills cut fast, clean holes and offer a unique split point design which eliminates skidding and the need for center punching.

Jobber Length Drill Bits
Jobber length twist drill bits provide fast and clean cutting for many materials, including stainless steel.

Machine Taps and Hand Taps
Machine and hand taps are used to create new or repair threads using a hand tool or an electro-mechanical tool such as a drill, lathe or mill. RUKO 5% cobalt high-speed steel (HSSE-Co5) machine thread taps are available in a range of SAE sizes with coarse or fine threads.

Knockout Punches
RUKO’s squeeze-activated hydraulic knockout punches allow quick, precise and clean hole punching in sheet metal and plastic up to 5/32 inch thick. Use with RUKO knockout punches (sold separately).
- Compact design
- Manually actuated pistol grip

Hole Saws
Hole saw kits consist of various options of bi-metal high-speed or cobalt 8 hole saws stored in a plastic case, which includes an arbor holder, pilot drill and an Allen wrench. The hole saws provide clean cuts with just a slight pressure. Do not use with hammer drills.
- Available in sets that include different number of saws in various sizes

Cable Tie Tools, Knives, and Fish Tapes

Cable Tie Tools
Cable tie tools ensure proper and clean installations.
- Cable tie gun: Used to tighten the cable tie easily and tightly
- Collar fastening tool: Used to tighten double-headed cable ties
- Cable tie cutting tool: Used to make a clean cut of the cable tie excess

Knives
EDGEFORCE™ Hawk Bill Knife
- Premium D2 stainless steel holds an edge
- Curved blade for pull cuts and splicing
- Rugged metal handle
- Stonewash black oxide coated blade
- Liner lock keeps blade secure
- Comfort grip for maximum hold and comfort
- Reversible belt clip

Folding Utility Knife
- Quick open/close button for easy one-hand operation
- Durable metal body with comfort grip for secure hold
- Easy blade replacement
- Rugged metal handle
- Comfort grip for maximum hold and comfort
- Lanyard hole and belt clip

Fish Tape
Southwire’s SIMpull™ fish tape allows easy pulling of wire or cable through a filled or empty conduit up to 2 inches in diameter. The swiveling flexible metal leader and the polymer non-conductive tape makes the job SIMpull.
- Spiral extruded polymer design reduces the amount of effort required to push or pull the fish tape
- Swiveling flexible metal leader easily glides through bends
- Low-friction material reduces binding at joints, couplings, or 90-degree bends
Tool Bags and Cases

**Tool Bags**

**Southwire Tool Bag**
- Constructed from 2400d ballistic weave nylon
- Carry over shoulder or attach to a belt
- 11 inside and 5 outside tool storage pockets
- Side pocket with Flip Lid™ spill guard provides secure easy access for small items
- Electric tape strap
- Adjustable hammer/flashlight loop
- Two rubber feet keep it stable when setting on a flat surface

**C.H. Ellis Mechanic’s Tool Bag**
- Black ballistic nylon bag
- Two strap-style carry handles
- D-rings for optional shoulder strap
- Three exterior pockets on each side with a 2-snap cover flap
- 4 interior pockets on each side
- Roomy interior for tools, meters, or spare parts
- Stores easily in desk, case, or drawer

**Tool Cases**

**C.H. Ellis Hard Case and Rolling Tool Cases**
- High Density Polyethylene 25% thicker than standard cases
- Resists gasoline, chemicals and most solvents
- 8 external protective bumpers to protect hardware and contents
- Black painted tongue-and-groove frame resists moisture and dirt
- 2 quarter-turn military style, resist lateral movement
- 2 padlock loops for optional TSA padlock
- Spring-loaded handle
- 2 mechanical lid stays to hold lid open, built-in feet, full piano hinge
- Ribbed case for increased durability
- Plenty of room in base for extra items such as meters, drills, soldering iron or spare parts boxes
- Top and bottom removable pocket panels, 50 slot/pocket total (hard case only)
- Includes 40 inch locking telescoping handle, replaceable
- 3” diameter edgecaster wheels, replaceable (rolling case only)

**C.H. Ellis Attaché’ Tool Case**
- High impact plastic shell with molded-in feet
- Resists gasoline, most chemicals and solvents
- Ribbed case provides additional strength
- Milled aluminum valance with tongue-and-groove frame, resists water and dirt intrusion
- Top and bottom panels (replaceable), 50 tool pockets total
- Full length piano hinge
- 2 mechanical lid stays to hold case open while working
- Includes padded handle and two keyed chrome latches

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