



The new NCVT-3 non-contact voltage tester with flashlight from Klein Tools identifies the full range of 12- to 1,000-volt AC to accommodate both low and standard voltage environments. And it's a functional flashlight, too!

CABLE/VDV TOOLS & ACCESSORIES

SMARTER, MORE VERSATILE AND SAFER TOOLS FOR CABLE INSTALLERS

Power, data, voice and video cable technology marches on, but installing those miles of wire remains a physically demanding and often painful process. These industry leaders are working to make cable installation easier, faster, less painful and more profitable.

KLEIN TOOLS

"Klein is constantly researching and identifying ways to make products more functional and durable," states Sean O'Flaherty, senior product manager at Klein Tools. "We created a non-contact voltage tester that detects a wide range of AC voltage relevant for many practical applications, provides both visual and audible alerts for various job situations, includes a powerful, independent flashlight and is engineered to withstand the rigors of a job — all in a single tool."

The durable NCVT-3 non-contact voltage tester with flashlight identifies AC voltage in cables, cords, circuit breakers, outlets, wires, doorbells, thermostats,

low voltage lighting systems, irrigation systems and more — the full range of 12- to 1,000-volt AC to accommodate both low and standard voltage environments. An integrated flashlight works independent of the tester and is practical enough to use as a standalone tool. By incorporating Klein's "tough meter" standards of dustproof, waterproof, CAT IV 1000V safety rating and drop protection of up to 6.6 ft. (2m), this tool is suitable for any job site.



O'FLAHERTY

Its many features include simultaneous visual and audible voltage indicators, with the visual voltage indicator utilizing five vibrant LEDs for easy interpretation and viewing of voltage strength. Its audible voltage indicator beeps at a greater frequency the higher the voltage or the closer it gets to the voltage source. An "Auto Power-Off" conserves and extends battery life, and a screw-thread battery cap with O-ring contributes to the tool's IP67 rating for dust and moisture resistance.

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SOUTHWIRE

“Wire and cable installation tools have evolved over the last 12 years to provide electricians with a greater variety of products to help them work safer,” says Tim Bardin, general manager of Equipment, Southwire. “Having the right tool for the job can prevent injuries and increase the overall productivity of the installation crew. New technology and demands for safer, more productive installations has aided in the development of these products.”

“Southwire’s new Maxis XD10 Extreme Duty Puller was developed to provide a safer, more ergonomic user experience. By incorporating a gear-reduced hand crank to articulate the pivoting motion of the puller, we have reduced the need for excessive lifting during the ‘set-up’ process. In addition, our capstan design significantly reduces the exertion needed by the user on the pull rope. This allows the puller to do the work which reduces user fatigue and strains.”

Electricians demand quality and the XD10 puller provides them with an American-made product built to handle the most extreme pulling conditions up to 10,000 pounds of rope tension. The XD10 powertrain design is built to operate under heavy loads with maximum output — on low speed, it handles a maximum continuous load of 7,000 pounds at 8 fpm with peak performance of up to 10,000 pounds. At high speed, it pulls 2,000 pounds at 21 fpm with peak performance of up to 4,000 pounds.

“With improved safety and performance, the Maxis XD10 is truly ‘best in class’ in the cable pulling category,” Bardin states.

Southwire’s Maxis XD10 Extreme Duty Puller is American-made and handles continuous pulls of up to 7,000 pounds of pulling force, with a peak of 10,000 pounds.

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GREENLEE

“Greenlee released three new cable tray roller designs in October 2014 with ergonomic designs to increase wire installation efficiency and safety,” begins Dale Speggen, product manager. “The 660QA was designed to keep the wire out of the tray during straight portions of the run and attach and detach seven times faster than standard tray type sheaves. The CTR100 was designed to enclose the cable using four overlapping conveyer rollers and attaches to the sidewall of a tray three times faster than standard four-sided roller guides.”

The CTR200 was designed with an over-tray mount system that uses an auto retractable ratchet strap to attach to the tray, so the four roller guide can handle 90-degree bends, offsets and vertical rises and drops while not taking up space in the tray.

“More recently, in February 2015, we launched the CTF-200 Cable Tray Feeder, making it the first over-tray mounted, motorized cable tray feeding solution,” Speggen adds. “This allows users to safely pull electrical cables through the tray without their hands. The feeder has the capacity to aid pulls with up to 200 pounds of force, and has an automatic force limiter that stalls out to prevent damage to the insulation of cable. The CTF-200’s over-tray mounting system is quick and easy to set up, with a patented design utilizing a ratchet strap that safely and securely mounts to the tray.”

The CTF-200 can handle cable up to two inches (50.8 mm) in outer diameter, and can be safely operated with a handheld pendant that controls the feeder from up to eight feet away. **CS**

Greenlee’s new CTF-200 Cable Tray Feeder allows users to safely pull electrical cables through the tray without their hands. It aids pulls with up to 200 pounds of force and has an automatic force limiter.

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