





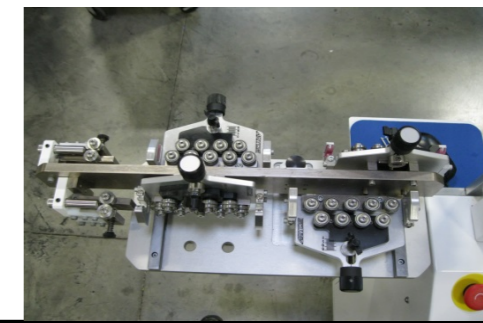


CR.22d

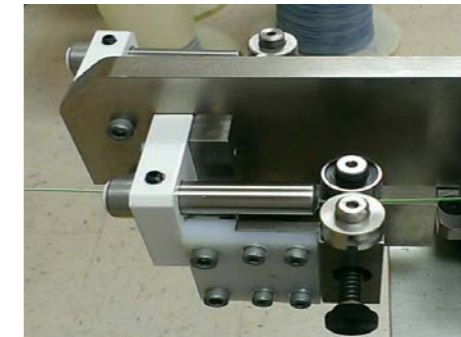
Option Description and Price List

Item:	Description	Photo
CR.22d Base Machine	<p>Base Machine with 230 Volt, 1-Phase, 50/60 Hz</p> <p>Closed Loop 8M/sec Brushless Servo Roller Feed System</p> <p>Wire measuring encoder with length calibration and wire slip detection</p> <p>Servo Driven Swing Arms Featuring Programmable Wire-Terminal Set-up</p> <p>Servo Driven Cutterhead Featuring Programmable Wire Diameter and Stripping Set-Up</p> <p>Motorized 2 meter collector with batching tray</p> <p>P.C. Operator Interface Featuring Windows and Artos Unity Software</p> <p>Complete wire guide kits for up to 5.5 mm (0.218") wire diameter</p> <p>Wire Straightener (Vertical and Horizontal)</p> <p>Complete Upward Lifting Safety Shield</p> <p>One Owners Manual</p>	
Paper Take-up	<p>Motorized collection of terminal reel paper. This feature allows for the coiling of the paper which separates side feed terminals for better housekeeping.</p>	
Sencor	<p>Patent pending system for automatic setting of stripping blades. Technology senses the conductor within the wire and automatically set the value of the stripping diameter. Reduces wire waste and shortens set-up time. Can also be used to monitor blade wear.</p>	
Active Wire Collection "Pick n Place" unit	<p>Pneumatic gripper to assist in wire collection. Completed wires are handed to the pick n place unit which lowers the finished wire into the collection tray.</p>	
Domestic / Air Box	<p>Crate for shipment within USA or Air shipment</p>	
Ocean / Export Box	<p>Crate for ocean shipment.</p>	
208 Volt, Single Phase	<p>Special 208, 1phase, 50/60 Hz. Voltage (requires custom transformer). For use where standard 230 Volt 1 Phase power is not available.</p>	
Installation / Training	<p>Installation and training by Artos direct technicians. Recommend two days minimum. Price is per day. Travel expenses are not included and billed separately.</p>	

Dual Feed Wire Straightener Upgraded wire straightener which allows for the pre-loading of a second wire while the machine is in cycle mode.



Wire Splice Detector Option for detecting splices of wire from wire barrels or spools. Available for single or dual wire straighteners. Price is for single wire straightener.



Articulating Wire Infeed Roller Two plane articulating wire infeed roller allows for smooth wire feeding from multiple directions.



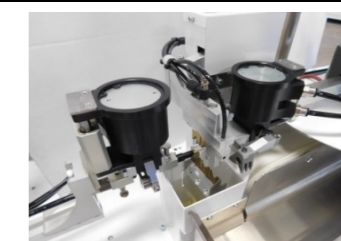
Standard TU-15 Servo Crimping Module TU-15 terminal crimping station for standard "mini" style applicators. Unit is servo controlled with programmable stroke and split cycle operation. Includes Standard TU-15 equipped with AMP style die interface kit, terminal carrier strip chop-off, manual Z-Axis height adjustment, and one terminal reel cart. Price is for one unit.



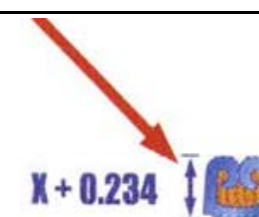
TU-15 (HD) Servo Crimping Module Upgraded TU-15 Heavy duty terminal crimping station for standard "mini" style applicators. Unit is servo controlled with programmable stroke and split cycle operation. Includes TU-15 HD equipped with AMP style die interface kit, terminal carrier strip chop-off, manual Z-Axis height adjustment, and one terminal reel cart. TU-15 HD is recommended for 6mm² (10 AWG) wire sized. Price is for one unit.



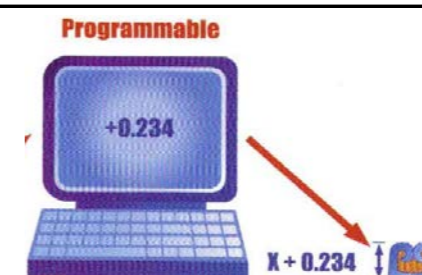
Heavy Duty Gripper Option Upgrade to HD Gripper for processing large 10 AWG (6mm²) and difficult to strip wires.



TU-15 Manual Crimp Height Adjustment Upgrade to TU-15 crimping unit with manual (dial) adjustment of the crimping height. Crimping unit may be standard or HD version. Price is per unit.



TU-15 Programmable Crimp Height Adjustment Upgrade to TU-15 crimping unit with programmable (servo controlled) adjustment of the crimping height. Crimping unit may be standard or HD version. Price is per unit.



"JAM" Style Die Mounting Kit Replaces standard "AMP Mini" style interface kit. Utilizes 30mm press stroke. Price is per press, and two will be required for two presses.

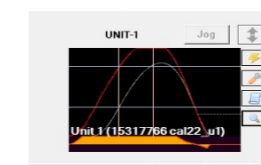


"AMP Mini" Style Screw Down Die Mounting Kit Replaces standard quick release "AMP Mini" style interface kit. Used for applicators which need high force to open. Price is per press, and two will be required for two presses.



CFM-2100

Crimp Force Monitor for crimping inspection. System learns "good" crimps and compares all crimps to learned good crimps. If crimp is out of tolerance, the CR.22 will cut the crimp off and remake new wire. Wires with "bad" crimps are separated from good wires. Price is for two presses.



Bad Wire Chop-off Diverter

Guide to sort and collect failed crimps from the trailing wire end.



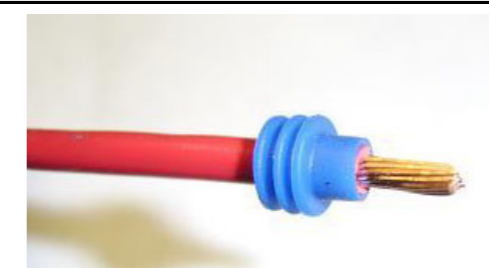
ASM-400 Seal applicator

Station for loading loose rubber weather seals onto wire end. Common and interchangeable seal kits with Pawo and Schafer. Price includes mounting kit, but excludes tooling kit.



Large Seal Tooling Kit

Tooling kit for SLU module includes feeding track, funnel, and guide pins. Tooling kit is uniquely designed for each individual seal.



LPA-56

Seal position sensor model LPA-56 which checks the position and orientation of the seal placed on each wire to assure quality. Price is for one station.

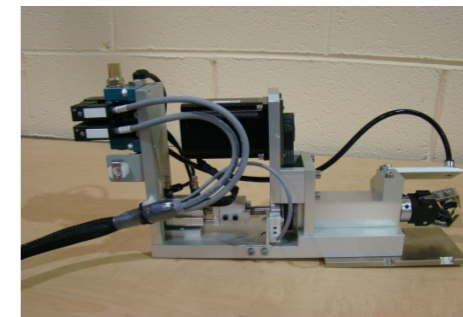


Flux / Tin Module

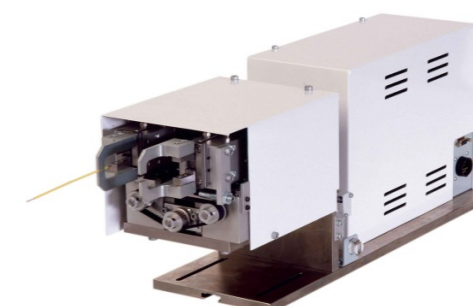
Station for Fluxing and Tinning wire ends. Standard design is for lead free solder.



TW-3 In Press Twisting Module Station for twisting wire ends. Can be used with the Flux/Tin Module to provide twist, flux and tin. Pricing includes TW-3 unit, central module, and cable



Same Wire Doubling Module Station for placing two separate wires into a common terminal.



Cart Assembly Additional cart assembly for pre-loading terminals and die onto a cart off line of the machine, reducing machine down-time for set-up. Price includes paper winder



Dual-Cart Assembly

Substitute Standard Cart assembly for Dual-Cart design. This option allows of two terminal applications to be loaded on one cart. This benefit allows for the set-up of the next terminal while the current application is being processed, reducing machine down time for set-up and eliminating the need for extra carts. *Cost is to substitute one cart and includes Paper-Take up Winders.*



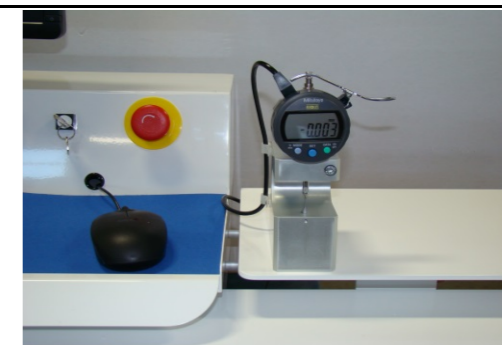
Programmable Z-Axis

Motorized adjustment of the Z-Axis (up / down) for wire placement into the terminal. This option allows for fully programmable adjustment for open to closed barrel terminals, with no manual adjustments. Price is for each press (two are needed for CR.22).



Crimp Height Measurement

Integrated crimp height micrometer. Allows the CR.22 to retain specified crimp height and tolerance for each terminal / wire combination. As part of the machine set-up, crimps must be measured and within tolerance before production begins.



Pull Test Verification - Manual Tester (May be on Back Order)

Integrated terminal pull testing station. Allows the CR to retain specific pull test values for each terminal / wire combination. As part of the machine set-up, crimps must be tested and greater than pull test minimum requirement before production begins. Manual tester requires operator to manually operate the pull testing station.



Pull Test Verification - Automatic Tester

Integrated terminal pull testing station. Allows the CR to retain specific pull test values for each terminal / wire combination. As part of the machine set-up, crimps must be tested and greater than pull test minimum requirement before production begins. Automatic tester utilizes a motor during pull testing.



Ink-Jet Interface

Interface for Imaje 9040 ink jet marking system. Fully integrated with programmable and recallable marking of wire. Available with either bar mounting or cutterhead mounting. Marking system is sold separately.

**A/B Switch**

Special A/B switch allowing quick change between two ink-jet marking systems with different color inks

**Hot Stamp Interface**

Interface for KIP-20 Hot Stamp marking unit. Includes electrical (5-146091) and mechanical mounting interface (5-148126-2). Kip-20 Marker sold separately.

**4-Meter Collector W/ Active Pick n Place**

Upgrade to 4 meter motorized collector with batch sorter for long wire collection. Includes active wire collection "Pick n Place" unit.

**CD-21 Modular Dual Bowl Coiling**

Upgrade to coiling option for long wires. Suitable for wire lengths over 12 feet (3.5 meters). Coiling unit is on casters, and rolls in and out as needed. CD-22 2 meter collector is also provide on casters, for quick change between standard collection and coiling option. Price is for both coiling option and standard linear collector.

**Bar Code Scanning**

Integration of a bar code scanning system for data entry. Used for input of production data. Also used to verify materials supplied to the machine.

**Post Process Printer**

Integrated label printer allowing the printing of customer defined information upon the completion of a wire batch. Used for routing of material and traceability.

**Urethane Belted Feed Wheels**

Substitute standard knurreled feed wheels with Urethane Belted Feed Wheels for processing small and softer wire insulations. Replacement belts are available.



Spare Parts Kit Common replacement parts for CR.22 (kit # 4-144987)