

FULLY AUTOMATIC CRIMPING MACHINE (DUAL-END SEAL INSERTION & CRIMP, SINGLE-END SOLDER)



CPR-F-ZERO-CH

**Wide range of processing by a single multi-machine
(Next generation of JN03SD-CH)**

【Features】

- Production can be performed at the same speed as a machine dedicated for double-end crimping by installing an ejection tray
Dual-end crimp : 0.80 sec/pc (4,500 pcs/hr.)
Single-end crimp to solder : 1.20 sec/pc (3000 pcs/hr.)
- Popular structure adoption to insert into solder along the wire axis (proven record in CPR-ZERO-H)
- Equipped with 10-inch panel improved visibility of operation screen
- Smallest installation space ever for CH machine
- Possible to select operation from touch panel to PC (option)
- Quick mounting of seal insertion unit (option)
- Crimp camera to inspect crimp form available (option)



※ Photo : Machine with optional units

SPECIFICATIONS

Model	CPR-F-ZERO-CH
Functions	Wire measuring and cutting, Dual-end strip, Dual-end half strip, Dual-end crimp (Sinking mechanism), Single-end twist/flux/solder (Side 2), Step operation, Flux and solder automatic supply device (Solder wire : Φ1.0mm-1.2mm), Solder oxide film removal, Flux solder smoke exhaust, Various panel settings (Strip length, pull-back strip depth, crimp height, crimp position, flux solder time/position)
Capacity	Dual-end crimp : 0.80 sec/pc (Length : 100mm 4,500 pcs/hr.) Single-end crimp to twist and solder : 1.20 sec/pc (Length : 50mm Strip : 3mm Solder : 2mm 3,000 pcs/hr.) (OP) Dual-end seal insertion and crimp : 1.30 sec/pc (Length : 100mm 2,760 pcs/hr.)
Wire size	Dual-end crimp : 0.03~2.0 mm ² (AWG#32 ~ #14 UL10368, 1007 equivalent) Dual-end seal insertion and crimp : 0.20~2.0 mm ² (AWG#24 ~ #14 UL10368, 1007 equivalent) Twist and solder : 0.08~1.25 mm ² (AWG# 28 ~ #14 UL10368, 1007 equivalent) ※Wire size changes according to the processing conditions.
Wire cutting length	Dual-end crimp : 35 ~ 20,000mm (0.1mm increment) Dual-end seal insertion and crimp : 50 ~ 20,000mm (0.1mm increment) ※ Min. length changes according to processing conditions.
Wire cutting accuracy	Below 100mm: 0.5mm + (Wire cutting length×0.002), 100mm and above: 1.0mm + (Wire cutting length×0.002)
Processing length	Strip length Side 1 : 1.0~10.0 mm Side 2 : 1.0 ~ 17.0 mm Twist length Side 2 : 3.0~17.0 mm Solder length Side 2 : 1.0 ~ 17.0 mm
Strip depth	Max. adjustment 3mm (0.01mm increment) with pull back function
Crimp capacity	24,500N (2.5ton Equivalent) Servo Press×2
Detectors	Wire run-out, Wire overload, Laser type detector for strip error, Terminal run-out, Terminal overload, Safety cover open detection, Crimping force monitor, Low air pressure , Abnormal solder temperature , Solder/Flux level
Power source	3 phase AC200V±20V 50/60Hz 20A
Compressed air	0.5Mpa (5kgf/cm2) approx. 190NL/min (Use clean. dry air)
Dimension	1,380W × 800D ×1,470H (Without Protrusions) approx. 700kg
Options	Wire reel stand, Conversion KIT for other manufacturer's APL, Non carrier-strip cut pipe, Carrier Cutting Device, Signal tower, Wire joint detector, Terminal paper winding device, End terminal guide plate/ reel stand, Low position terminal reel stand (Side 1), Belt conveyor, Soldering unit (Side 1) , Seal insertion unit, Crimp camera, Solder tank replacement KIT

※The specifications are subject to change without notice.

◆ Proper ground required.