

## FULLY AUTOMATIC CRIMPING MACHINE



# CPR-F-ZERO

Compact, High speed and Workability pursued ultimate machine  
(CPR-ZERO series next-generation machines)

### Features:

- High volume output - 0.70sec/pc (5,142 pcs/hr.)
- Compatible for wide range of wire sizes
- With 10 inch panel as standard, easy looking panel
- Compact size pre-feeder location on side of machine  
Improving working conditions
- Possible to select operation from panel to pc (option)
- Quick mounting of solder unit / seal insertion unit (option)
- Crimp camera to inspect crimp form available (option)



※Photo: Machine with optional units

### SPECIFICATIONS

Model	CPR-F-ZERO
Functions	Wire measuring and cutting, Dual-end strip, Dual-end half strip, Strip depth, Pull-back strip depth, Dual-end crimp (Sinking mechanism), Crimp position adjustment, Jogging
Capacity	Crimp to crimp: 0.70sec/pc. (Length: 100mm 5,142 pcs/hr.) (OP) Seal insertion and crimp: 1.20sec/pc (Length: 100mm 3,000pcs/hr.)
Wire size	0.03 - 2.0mm <sup>2</sup> (AWG#32 - #14 UL10368, 1007 equivalent) Wire outer diameter φ3.4mm
Wire cutting length	Crimp to crimp: 30 - 20,000mm (0.1mm increment), Seal insertion and crimp: 70 - 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)
Strip length	Side1: 1.0 - 17.0mm, Side2: 1.0 - 17.0mm
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
Power source	3 phase AC200V ± 20V 50/60Hz 16A
Compressed air	0.5Mpa (5kgf/cm <sup>2</sup> ) approx. 140NL/min (Use clean, dry air)
Dimension	960W × 800D × 1,500H (Without Protrusions) approx. 560kg
Options	Wire reel stand, Conversion KIT for other manufacturer's APL, Non carrier-strip cut pipe, Signal tower, Wire joint detector, Terminal paper winding device, End terminal supply, Low position terminal reel stand, Belt conveyor, Soldering unit, Seal insertion unit, Crimp camera, Defective product chopper device

※The specifications are subject to change without notice.

◆ Proper ground required.