KODERA Sanoyas

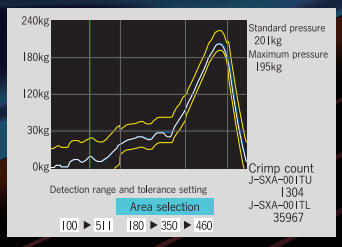
High-speed fully automatic double-end crimping machine

CASTUGNON C551HXG

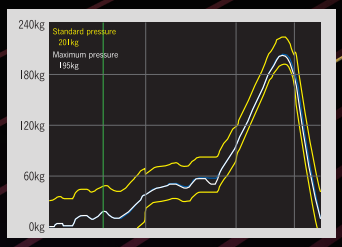
Outstanding processing performance is realized by totally renewed software!

The C551HXG is equipped with KODERA' s proprietary HX applicator, which contributes to a significant reduction in the setup change work time.The high-performance grade "high-speed fully automatic double-end crimping machine CASTUGNON C551HXG" has been just released.The main board, the "control board," the "MDU," and the "power supply system" have been reconfigured.In addition, the crimping machine has been enhanced to handle thicker wires and larger terminals.Full-color touch panel is adopted in pursuit of a machine that not only improves its performance constantly but also is easy for anybody to operate and operator-friendly through unique ideas and creativity.This is an attractive, ultimate machine that deserves to be "a next-generation basic machine."

◆New functions added to the crimp force monitor.



Detection range can be designated



Large screen available for confirming settings

Applicator	J-SXA-001TU	Applicator	J-SXA-001TL
Maker	JST	Maker	JST
Terminal	SXA-001T-P0.6	Terminal	SXA-001T-P0.6
wire	AWG#28		
Product number	6487	Product number	6488
Crimp count	1304	Crimp count	35967
Total crimp count	1304	Total crimp count	35967
Strip length	2.0	Terminal pitch	7.50
Crimp position	3.4	Tab width	1.00
Core diameter	0.450	Terminal length	6.50
Blade move back	0.200		
Z mode	0		
Guide pipe set range	8.0		
Guide position	0-0		
Crimp height	0.60 +0.02 -0.03		
Standard pressure	175		

Information registered in the applicator can be checked

◆The C551HXG is capable of crimping a wide range of wires from AWG#34 to AWG#18.
◆Management of number of crimps, cutting blades and stripping blades.
◆A 10.4-inch (211.2 x 158.4 mm) full-color LCD touch panel with excellent visibility and operability has been adopted.
◆Realized a significant reduction in changeover time.
◆Carrier dust and stripping dust are sorted, and their collected amounts are easy to identify.

●The photo includes options. ●Specifications are subject to changes without notice.

KODERA Electronics Co.,Ltd.

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Specifications

■Model･Functions

Model	CASTAGNON C551HXG (Crimp force monitor standard equipment)
Functions	Both ends strip、Both ends crimping

■Machinable lengths

Strip length	Front end/ Rear end 0.1~7.0mm
Minimum processing length	L=62mm + Distance from front terminal to insulation barrel ※The above dimensions will vary depending on the type of wire or terminals, so be sure to test it in advance.
Maximum cutting length	99,999mm
Cutting tolerance	±(0.1+0.001×L)mm less than L=cutting length

■Crimper

Applicable terminal	Open Barrel Continuous Terminal (side feed) total length less than 27mm
Crimping Capacity	Standard 1.2 ton

■Dimensions(only main unit) and weights

W×D×H	830mm×700mm×1,230mm (excluding mini conveyor)
Weight	220Kg (Including mini conveyor)

■Supply

Power Rating		Ssingle-phase AC100V~AC240V(Free)
Air supply		Processing 1,000mm 10L/min 0.5~0.6MPa (Use clean, dry air.)
ElectricPower Consumption	rest	255W
	processing	670W (Processing 1,000mm)

■Applicable Wire

Wire diameter	AWG#34~AWG#18 (0.85sq) (It depends on the wire type) ※Please contact us if you require AWG#18 or smaller, AWG#34 or larger.
Wire type	AV,AVS,AVSS,CAVUS,KV,KIV,UL,Teflon, etc.

Applicator Specification

■Crimper side

W×D×H	27mm×23mm×79mm
Weight	86g
ID Information	1.Tarminal (Model, Manufacturer) 2.Wire Type 3.Core Diameter 4.Crimp Height 5.Crimp Force 6.Appropriate Stripping Length 7.Crimp Position Data 8.Shot Number (Maximum 10 Digits) 9.Trip Shot Number (Maximum 10 Digits) 10.Lot No.

■Dies side

W×D×H	42mm×30mm×57mm
Weight	114g
ID tag, wireless RF approx. 100kHz data transmitter/receiver	
ID Information	1.Tarminal (Model, Manufacturer) 2.Shot Number (Maximum 10 Digits) 3.Trip Shot Number (Maximum 10 Digits) 4.Terminal Pitch 5.Lot No.

◆Specifications are subject to changes without notice.

Processing capacity chart

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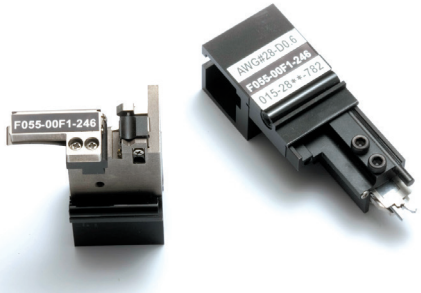
Length	Number of wires processed per hour
75mm	10,770
100mm	10,430
300mm	8,750
500mm	7,620
1,000mm	5,250

Processing conditions

Wire : UL1571 AWG#30
Terminal : JST SSH-003T-P0.2
Setting : Speed/ Standard
Using CPD-06



HX applicator can be installed.

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