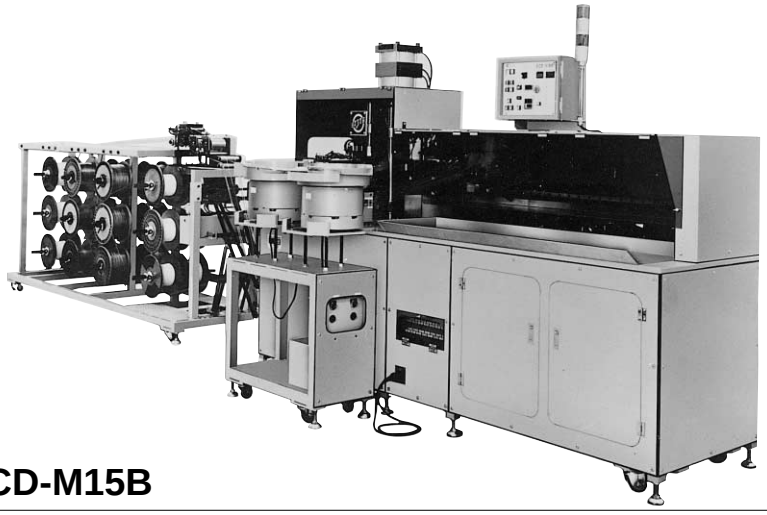
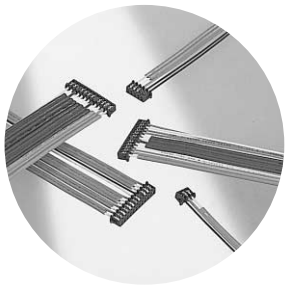
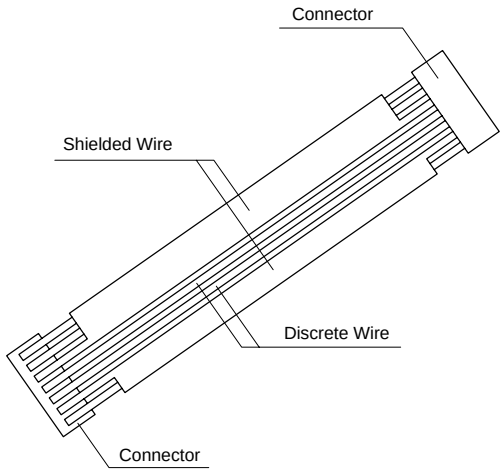
ID machine SCD-M15B





SCD-M15B

This SCD-M15B series machine can make the hybrid harnesses which consist of shielded wires and discrete wires that effectively reduce the crosstalk or electromagnetic interference inside of the electronic equipment.



Specifications

Power source	200V AC, 3-phase, 2.5 kVA				
Air pressure	600 to 650kPa [6 to 6.5 kgf/sq.cm]				
Air consumption	Approx. 600 N ℓ (5 cycles/ minute)				
Weight	Approx. 1,750kg (3,863lb)				
Type of harness	Double-ended harness				
Length of harness	100 to 1,300mm(3.937" to 51.181")				
Wire length accuracy	± [2mm(.079")+preset lengthX0.003]				
Processing capacity	280 cycles/hour [when L=400mm(15.748")]				
Applicable ID connectors *(Note 1)*	JST's 1.5mm(.059") pitch CZ, 2.0mm(.079") pitch and 2.5mm(.098") pitch connectors				
Applicable wire *(Note 2)*	Connector pitch	Discrete wire		Shielded wire	
		UL No.	AWG #	UL No.	AWG #
	1.5mm(.059") CZ	10272	26	1571	28
	2.0mm (.079")	1571	28, 26	1691	28, 26
		1061		2791 *(Note 3)*	
	2.5mm (.098")	1007	26	1691	26
				2791 *(Note 4)*	
Applicable wire bobbin	JIS C 3201 P-30 bobbin				

Note 1. Contact JST for details.
2. • Contact JST for details. Minor changes may be required depending on the type of shielded wires or the processing arrangement.
• Contact JST for other wires than the ones shown here.
3. UL2791 specially designed shielded wires with 3 conductors or less.
4. UL2791 specially designed shielded wires with 2 conductors or less.

Number of harnesses to be processed simultaneously

Number of circuits			Number of harnesses
1.5mm (.059") pitch	2.0mm (.079") pitch	2.5mm (.098") pitch	
2 to 5	2 to 4	2 to 3	5
6, 7	5	4	4
8 to 10	6, 7	5, 6	3
11 to 16	8 to 12	7 to 10	2
17 or more	13 or more	11 or more	1