



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

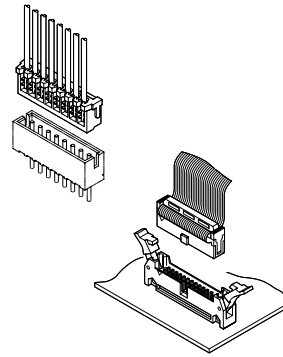
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



The arrow mark indicates the press that is applicable to the applicator.

Auto. ID machines for discrete wires  
BCD-M5BP



**ID applicator for discrete wires and jumper wires**  
H2 series

**ID applicator for 1.27mm(.050") pitch ribbon cables**  
HID series

**ID applicator for discrete wires and jumper wires**  
H2A series

**ID applicator for 1.27mm(.050") pitch ribbon cables**  
FP series

Auto. ID machines for shielded wires  
SCD-M15B



**ID applicator for discrete wires**  
MKD-LP

Auto. ID machines for 2.5 mm (.098") & 2.0 mm (.079") pitch jumper wires  
RCD-M9BE



**Hand press**  
HPD-M2A    HPD-M2A-HID

**Specifications**

- Dimensions: (W x L x H) 130 x 280 x 383mm (5.1" x 11.0" x 15.1")
- Weight: Approx. 7kg(15 lb)

*Note: The difference between the HPD-M2A and the HPD-M2A-HID is the main shaft. HPD-M2A is for the H2A series applicators. HPD-M2A-HID is for the HID series applicators.*

**Pneumatic press**  
AP-2H

Versatile press applicable to various ID applicators.

**Specifications**

- Dimensions: (W x L x H) 184 x 302 x 491mm (7.2" x 11.9" x 19.3")
- Weight: Approx. 30kg(66 lb)
- Air pressure: 490 to 690 kPa (5 to 7 kgf/sq.cm)
- Strokes: 50 max./minute
- Pressure output: Approx. 7.5kN (Approx. 760 kgf) when air pressure is 490 kPa (5 kgf/sq.cm)
- Operation method: Air-operated foot valve
- Dies: Applicator replacement

**Pneumatic press**  
AP-2

Versatile press applicable to various ID applicators.

**Specifications**

- Dimensions: (W x L x H) 141 x 252 x 301mm (5.6" x 9.9" x 11.9")
- Weight: Approx. 16kg(35lb)
- Air pressure: 490 to 686 kPa (5 to 7 kgf/sq.cm)
- Strokes: 50 max./minute
- Pressure output: Approx. 3.8kN (390 kgf) when air pressure is 490 kPa (5 kgf/sq.cm)
- Operation method: Air-operated foot valve
- Dies: Applicator replacement

*Note: For the HR connectors, please use AP-2H press that provides bigger pressure output.*

**Pneumatic press**  
AP-2D

Pneumatic press for 1.27mm(.050") ribbon cable connectors. Operation is easy and safe as the connector and cable can be set while the sliding applicator is drawn out of the terminating section.

**Specifications**

- Dimensions: (W x L x H) 141 x 252 x 301mm (5.6" x 9.9" x 11.9")
- Weight: Approx. 16kg(35lb)
- Air pressure: 490 to 686 kPa (5 to 7 kgf/sq.cm)
- Strokes: 50 max./minute
- Applicable connectors: JST's RA, RC & RX connectors
- Pressure output: Approx. 3.8kN (Approx. 390 kgf) when air pressure is 490 kPa (5 kgf/sq.cm)
- Operation method: Air-operated foot valve
- Dies: Applicator replacement

Auto. ID machines for multi-harnesses  
CAM-M12B



**Pneumatic press**  
MKD-LP+AP-K2N

*Note: MKD-LP applicators are not applicable to the connectors with glass-filled nylon housings i.e. 12 to 15-circuit DD/DS connectors and 13 to 16-circuit KR connectors.*

**Specifications**

- Dimensions: (WXLXH) 95X515X203mm (3.7"X20.3"X8.0")
- Weight: Approx. 6.5kg(14lb)
- Applicable press: AP-K2N
- Applicable connectors: JST'S connectors for discrete wires.

**Pneumatic press**  
MP-2A

Simple and compact pneumatic press without electrically controlled unit.

**Specifications**

- Dimensions: (WXLXH) 180X150X250mm (7.1"X5.9"X9.8")
- Weight: Approx. 10kg(22lb)
- Air pressure: 490 to 690kPa (5 to 7kgf/sq.cm)
- Dies: Main body integrated
- Strokes: 50 max./minute

**Optional: Control unit for pneumatic presses**  
MP-CU

The filter regulator & pressure switch help to make reliable operation even under the air condition is not stable. Light and compact.

**Specifications**

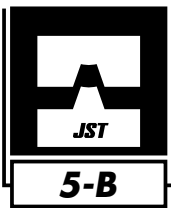
- Dimensions: (W x L x H) 200 x 300 x 230mm(7.9" x 11.8" x 9.1")
- Weight: Approx. 5kg(11 lb)
- Power source: 100/115/220/240V AC, single-phase, 50/60 Hz
- Air pressure: 490 to 686 kPa (5 to 7 kgf/sq.cm)
- Accessories: Foot switch, power cord

**Pistol tool for discrete wires and jumper wires**  
IDB-12

*<Made in Germany>*

**Specifications**

- Dimensions: (W x L x H) 23 x 135 x 175mm (.9" x 5.3" x 6.9")
- Weight: 270g(1lb)
- Dies: Head adaptor (IDH series) replacement
- Compact, light and maintenance free. No inspection or lubrication is necessary.



		Hand press: HPD-M2A Pneumatic press: AP-2 or AP-2H	Hand press: HPD-M2A	Hand press: HPD-M2A-HID	Pneumatic press: AP-2H Electric press: AP-K2N
		Applicator	Applicator	Applicator	Pitch-feeding applicator
		H2A series	H2 series	HID series	MKD-LP with die set
Connector					
Pitch mm(in.)	Series				
0.8(.031)	SUR	H2A-SUR	H2-SUR30ED-X	—	—
	SR	H2A-SR	H2-SR20ED-X	—	—
1.0(.039)	SSR	H2A-SSR	H2-SSR20ED-X	—	—
	ASR	H2A-ASR	H2-ASR20ED-X	—	—
1.5(.059)	CZ	H2A-CZ	H2-CZ20ED-X	—	—
	ZR	H2A-ZR	H2-ZR20ED-X	—	MKD-LP + MKD-DS-ZR
	ZA	H2A-ZA	H2-ZA20ED-X	—	MKD-LP + MKD-DS-ZA
2.0(.079)	KR (Note 3)	H2A-KR/XR	H2-KR/XR20ED-X	—	MKD-LP + MKD-DS-KR (Note 1)
	KRD	H2A-KRD	H2-KRD20DD-Y	—	—
	CK (Note 4)	H2A-KR/XR	H2-KR/XR20ED-X	—	—
	CR	H2A-CR	H2-CR20ED-X	—	—
	DR	H2A-DR	H2-DR20ED-X	—	MKD-LP + MKD-DS-DR
	DA	H2A-DA	H2-DA20ED-X	—	MKD-LP + MKD-DS-DA
	DD	H2A-DD/DS	H2-DD/DS20ED-X	—	MKD-LP + MKD-DS-DD/DS (Note 1)
	DS				
2.5(.098)	NR	H2A-NR	H2-NR20ED-X	—	MKD-LP + MKD-DS-NR
	NRD	H2A-NRD	H2-NRD20DD-Y	—	MKD-LP + MKD-DS-NRD (Note 2)
	HR	H2A-HR	H2-HR20ED-X	—	MKD-LP + MKD-DS-HR
	DB	H2A-DB	H2-DB20ED-X	—	MKD-LP + MKD-DS-DB/DC
	DG	H2A-DG	—	—	MKD-LP + MKD-DS-DG
	BR	H2A-BR	H2-BR20ED-X	—	MKD-LP + MKD-DS-BR
2.54(.100)	RA	—	—	HID-RA/RX	—
	RC	—	—	HID-RC	—
	RX	—	—	HID-RA/RX	—
3.96(.156)	VR	H2A-VR	H2-VR15DD-Y	—	MKD-LP + MKD-DS-VR (Note 2)
Ribbon cable cutter		—	—	HID-FC	—

Note 1: MKD-LP applicators are not applicable to the connectors with glass-filled nylon housings i.e. 12 to 15-circuit DD/DS connectors and 13 to 16-circuit KR connectors.  
 2: End-connection only (not through processing)  
 3: ID tools for the standard KR series connectors are not applicable to the ( )KR-4K-\*\* connectors. For ( )KR-4K-\*\*, use the tools for the CR series connectors.  
 4: ID tools for the standard CK series connectors are not applicable to the ( )CK-6H-\*\* connectors. For ( )CK-6H-\*\*, use the tools for the KR/XR series connectors.

		Pneumatic press: AP-2H Electric press: AP-K2N	Pneumatic press: AP-2D	Pistol tool: IDB-12		
		Applicator	Applicator	Head adaptor	Connector	
		MKD-LR with die set	FP series	IDH series	Series	Pitch mm(in.)
	—	—	—	—	SUR	0.8(.031)
	—	—	—	—	SR	1.0(.039)
	—	—	—	—	SSR	
	—	—	—	—	ASR	1.5(.059)
	—	—	—	—	CZ	
	—	—	—	IDH-ZR12	ZR	
	—	—	—	—	ZA	2.0(.079)
	MKD - LR + MKD-LR-DS-KR	—	—	IDH-KR12	KR (Note 3)	
	—	—	—	—	KRD	
	—	—	—	—	CK (Note 4)	
	—	—	—	—	CR	
	—	—	—	IDH-DR12	DR	
	MKD - LR + MKD-LR-DS-DA	—	—	IDH-DA12	DA	
	—	—	—	IDH-DD/DS12	DD	
	—	—	—	—	DS	2.5(.098)
	—	—	—	IDH-NR12	NR	
	—	—	—	—	NRD	
	MKD - LR + MKD-LR-DS-HR	—	—	IDH-HR12	HR	
	MKD - LR + MKD-LR-DS-DB	—	—	IDH-DB/DC12	DB	
	—	—	—	—	DG	
	—	—	—	—	BR	2.54(.100)
	—	FCD-DS FP2-RA/RX	—	—	RA	
	—	FCD-DS FP2-RC	—	—	RC	
	—	FCD-DS FP2-RA/RX	—	—	RX	3.96(.156)
	—	—	—	IDH-VR12	VR	
	—	—	—	—	Ribbon cable cutter	