

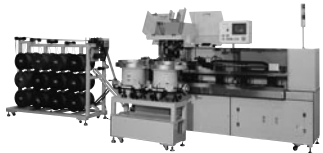
# APPLICATION TOOLING

ID tools and machines

ID tools and machines

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

Auto. ID machines for discrete wires  
BCD-M5BP



Auto. ID machines for shielded wires  
SCD-M15B



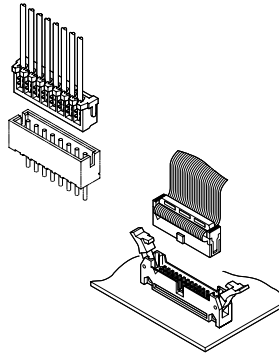
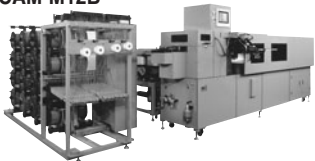
Auto. ID machines for 2.5 mm  
& 2.0 mm pitch jumper wires

RCD-M9BE



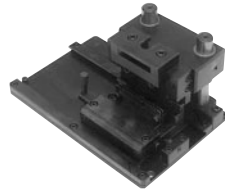
Auto. ID machines for multi-harnesses

CAM-M12B



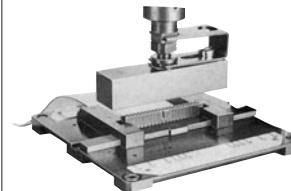
ID applicator  
for discrete wires and jumper wires

H2 series



ID applicator  
for 1.27mm pitch ribbon cables

HID series



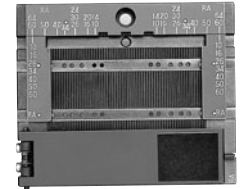
ID applicator  
for discrete wires and jumper wires

H2A series



ID applicator  
for 1.27mm pitch ribbon cables

FP series



Hand press

HPD-M2A

HPD-M2A-HID



#### Specifications

- Dimensions: (WxLxH)130x280x383mm
- 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: (WxLxH) 184x302x491mm
- 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: (WxLxH)141x252x301mm
  - Weight: Approx. 16kg(35lb)
  - Air pressure: 490 to 690 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 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: (WxLxH)141x252x301mm
- Weight: Approx. 16kg(35lb)
- Air pressure: 490 to 690 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

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: (WxLxH)200x300x230mm
- Weight: Approx. 5kg(11 lb)
- Power source: 100/115/220/240V AC, single-phase, 50/60 Hz
- Air pressure: 490 to 690 kPa (5 to 7 kgf/sq.cm)
- Accessories: Foot switch, power cord



Pneumatic press

MP-2A



Simple and compact pneumatic press without electrically controlled unit.

#### Specifications

- Dimensions: (WxLxH)180x150x250mm
- Weight: Approx. 10kg(22lb)
- Air pressure: 490 to 690kPa (5 to 7kgf/sq.cm)
- Dies: Dies-Main body integrated
- Strokes: 50 max./minute

Pistol tool  
for discrete wires and jumper wires


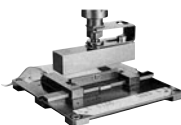
IDB-12



<Made in Germany>




#### Specifications

- Dimensions: (WxLxH)23x135x175mm
- Weight: 270g(1lb)
- Dies: Head adaptor (IDH series) replacement
- Compact, light and maintenance free. No inspection or lubrication is necessary.

Connector		Hand press: HPD-M2A Pneumatic press: AP-2 or AP-2H	Hand press: HPD-M2A	Hand press: HPD-M2A-HID
		Applicator	Applicator	Applicator
		H2A series 	H2 series 	HID series 
Pitch (mm)	Series			
0.6	XSR	H2A-XSR	H2-XSR33ED-X	—
0.8	SUR	H2A-SUR	H2-SUR30ED-X	—
1.0	SR	H2A-SR	H2-SR20ED-X	—
	SSR	H2A-SSR	H2-SSR20ED-X	—
	ASR	H2A-ASR	H2-ASR20ED-X	—
1.5	CZ	H2A-CZ	H2-CZ20ED-X	—
	ZR	H2A-ZR	H2-ZR20ED-X	—
	ZA	H2A-ZA	H2-ZA20ED-X	—
2.0	KR (Note 3)	H2A-KR/XR	H2-KR/XR20ED-X	—
	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	—
	DA	H2A-DA	H2-DA20ED-X	—
	DD	H2A-DD/DS	H2-DD/DS20ED-X	—
	DS			
2.5	NR	H2A-NR	H2-NR20ED-X	—
	NRD	H2A-NRD	H2-NRD20DD-Y	—
	HR	H2A-HR	H2-HR20ED-X	—
	DB	H2A-DB	H2-DB20ED-X	—
	DG	H2A-DG	H2-DG20ED-X	—
	BR	H2A-BR	H2-BR20ED-X	—
2.54	RA	—	—	HID-RA/RX
	RC	—	—	HID-RC
	RX	—	—	HID-RA/RX
3.96	VR	H2A-VR	H2-VR15DD-Y	—
Ribbon cable cutter		—	—	HID-FC

Note 1: 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.

Note 2: 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	Connector	
Applicator	Applicator	Head adaptor		
MKD-LR with die set	FP series	IDH series		
				
—	—	—	XSR	0.6
—	—	—	SUR	0.8
—	—	—	SR	1.0
—	—	—	SSR	
—	—	—	ASR	
—	—	—	CZ	1.5
—	—	IDH-ZR12	ZR	
—	—	—	ZA	
MKD - LR + MKD-LR-DS-KR	—	IDH-KR12	KR(Notes3)	2.0
—	—	—	KRD	
—	—	—	CK(Notes4)	
—	—	—	CR	
—	—	IDH-DR12	DR	
MKD - LR + MKD-LR-DS-DA	—	IDH-DA12	DA	
—	—	IDH-DD/DS12	DD	2.5
—	—	—	DS	
—	—	IDH-NR12	NR	
—	—	—	NRD	2.54
MKD - LR + MKD-LR-DS-HR	—	IDH-HR12	HR	
MKD - LR + MKD-LR-DS-DB	—	IDH-DB/DC12	DB	
—	—	—	DG	3.96
—	—	—	BR	
—	FCD-DS FP2-RA/RX	—	RA	
—	FCD-DS FP2-RC	—	RC	Ribbon cable cutter
—	FCD-DS FP2-RA/RX	—	RX	
—	—	IDH-VR12	VR	
—	—	—	Ribbon cable cutter	