

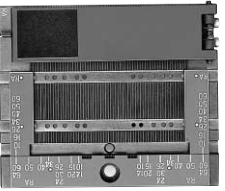
# APPLICATION TOOLING

## ID tools and machines

## ID tools and machines

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

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



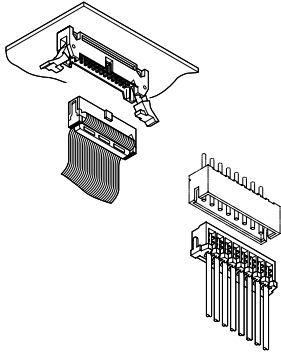
**ID applicator**  
for discrete wires and jumper wires  
**H2A series**



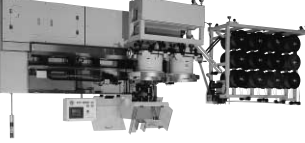
**ID applicator**  
for 1.27mm(.050") pitch ribbon cables  
**H2D series**




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


**Auto. ID machines for discrete wires**  
**BCD-M5BP**



**Auto. ID machines for shielded wires**  
**SCD-M15B**



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



**Auto. ID machines for multi-harnesses**  
**CAM-M12B**



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



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

**Specifications**  
• Dimensions: (W x L x H) 130 x 280 x 83mm (5.1" x 11.0" x 3.3")  
• Weight: Approx. 7kg(15 lb)  
Note: The difference between the HPD-M2A and HPD-M2A-HID is the main shaft.  
HPD-M2A-HID is for the HID series applicators.



**Pneumatic press**  
**AP-2H**

**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 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

Versatile press applicable to various ID applicators.



**Pneumatic press**  
**AP-2**

**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 HF connectors, please use AP-2H that provides bigger pressure output.



**Pneumatic press**  
**AP-2D**

**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

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.



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

**Specifications**  
• Dimensions: (W x L x H) 180 x 150 x 250mm (7.1" x 5.9" x 9.8")  
• Weight: Approx. 10kg(22lb)  
• Air pressure: 490 to 690kPa (5 to 7kgf/sq.cm)  
• Dies: Dies-Main body integrated  
• Strokes: 50 max./minute

Simple and compact pneumatic press without electrically controlled unit.

Note: MKD-LP applicators are not applicable to the connectors with glass-filled nylon housings i.e. 12 to 15-circuit DDS connectors and 13 to 16-circuit KFK connectors.

Specifications: (W x L x H) 95 x 15 x 203mm (3.7" x 20.3" x 8.0")  
• Weight: Approx. 6.5kg(14lb)  
• Air pressure: 490 to 690kPa (5 to 7kgf/sq.cm)  
• Dies: Dies-Main body integrated  
• Strokes: 50 max./minute



**Pneumatic press**  
**MP-2A**


**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

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



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

**Specifications**  
• Dimensions: (W x L x H) 123 x 135 x 175mm (4.9" x 5.3" x 6.9")  
• Weight: 270g(1lb)  
• Dies: Head adaptor (IDH placement)  
• Compact, light and maintenance free. No inspection or lubrication is necessary.



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

**Specifications**  
• Dimensions: (W x L x H) 23 x 135 x 175mm (0.9" x 5.3" x 6.9")  
• Weight: 270g(1lb)  
• Dies: Head adaptor (IDH placement)  
• Compact, light and maintenance free. No inspection or lubrication is necessary.

<Made in Germany>



Pitch mm(in.)	Series		Pneumatic press: AP-2H Electric press: AP-K2N	Applicator	MKD-LR with die set	FP series	IDH series	Head adaptor
	Series	Connector						
0.8(0.031)	SUR	—	—	—	—	—	—	—
1.0(0.039)	SR	—	—	—	—	—	—	—
1.0(0.039)	SSR	—	—	—	—	—	—	—
1.0(0.039)	ASR	—	—	—	—	—	—	—
1.0(0.039)	CZ	—	—	—	—	—	—	—
1.5(0.059)	ZR	IDH-ZR12	—	—	—	—	—	—
1.5(0.059)	ZA	—	—	—	—	—	—	—
1.5(0.059)	KR	IDH-KR12	MKD - LR + MKD-LR-DS-KR	—	—	—	—	—
1.5(0.059)	KRD	—	—	—	—	—	—	—
2.0(0.079)	CR	—	—	—	—	—	—	—
2.0(0.079)	DR	IDH-DR12	—	—	—	—	—	—
2.0(0.079)	DA	IDH-DA12	MKD - LR + MKD-LR-DS-DA	—	—	—	—	—
2.0(0.079)	DD	IDH-DD/DS12	—	—	—	—	—	—
2.0(0.079)	DS	—	—	—	—	—	—	—
2.5(0.099)	NR	IDH-NR12	—	—	—	—	—	—
2.5(0.099)	NRD	—	—	—	—	—	—	—
2.5(0.099)	HR	IDH-HR12	MKD - LR + MKD-LR-DS-HR	—	—	—	—	—
2.5(0.099)	DB	IDH-DB/DC12	MKD - LR + MKD-LR-DS-DB	—	—	—	—	—
2.5(0.099)	DG	—	—	—	—	—	—	—
2.5(0.099)	BR	—	—	—	—	—	—	—
2.5(0.100)	RA	—	FCD-DS FP2-RA/RX	—	—	—	—	—
2.5(0.100)	RC	—	FCD-DS FP2-RC	—	—	—	—	—
2.5(0.100)	RX	—	FCD-DS FP2-RA/RX	—	—	—	—	—
3.96(1.56)	VR	IDH-VR12	—	—	—	—	—	—
								Ribbon cable cutter

Pitch mm(in.)	Series		Pneumatic press: AP-2H Electric press: AP-K2N	Applicator	MKD-LP with die set	H2 series	HID series	MKD-LP with die set
	Series	Connector						
0.8(0.031)	SUR	H2A-SUR	—	—	—	—	—	—
1.0(0.039)	SR	H2A-SR	—	—	—	—	—	—
1.0(0.039)	SSR	H2A-SSR	—	—	—	—	—	—
1.0(0.039)	ASR	H2A-ASR	—	—	—	—	—	—
1.0(0.039)	CZ	H2A-CZ	—	—	—	—	—	—
1.0(0.039)	ZR	H2A-ZR	—	—	—	—	—	—
1.0(0.039)	ZA	H2A-ZA	—	—	—	—	—	—
1.5(0.059)	KR	H2A-KR/XR	H2-KR/XR20ED-X	—	—	—	—	—
1.5(0.059)	KRD	H2A-KRD	H2-KRD20D-Y	—	—	—	—	—
2.0(0.079)	CR	H2A-CR	H2-CR20ED-X	—	—	—	—	—
2.0(0.079)	DR	H2A-DR	H2-DR20ED-X	—	—	—	—	—
2.0(0.079)	DA	H2A-DA	H2-DA20ED-X	—	—	—	—	—
2.0(0.079)	DD	H2A-DD/DS	H2-DD/DS20ED-X	—	—	—	—	—
2.0(0.079)	DS	—	—	—	—	—	—	—
2.5(0.099)	NR	H2A-NR	H2-NR20ED-X	—	—	—	—	—
2.5(0.099)	NRD	H2A-NRD	H2-NRD20D-Y	—	—	—	—	—
2.5(0.099)	HR	H2A-HR	H2-HR20ED-X	—	—	—	—	—
2.5(0.099)	DB	H2A-DB	H2-DB20ED-X	—	—	—	—	—
2.5(0.099)	DG	H2A-DG	—	—	—	—	—	—
2.5(0.099)	BR	H2A-BR	H2-BR20ED-X	—	—	—	—	—
2.5(0.100)	RA	—	—	—	—	—	—	—
2.5(0.100)	RC	—	—	—	—	—	—	—
2.5(0.100)	RX	—	—	—	—	—	—	—
3.96(1.56)	VR	H2A-VR	H2-VR15D-Y	—	—	—	—	—
								Ribbon cable cutter

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.

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