

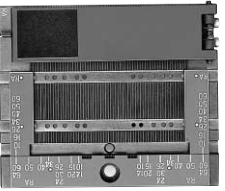
APPLICATION TOOLING

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



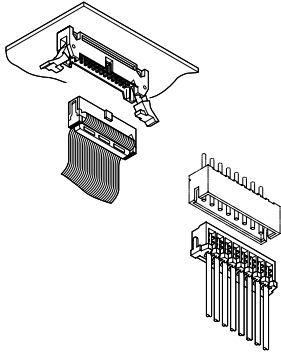
ID applicator
for discrete wires and jumper wires
H2A series



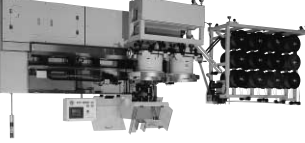
ID applicator
for 1.27mm(.050") pitch ribbon cables
H2D series



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) 95 x 152 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

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.

Applicable connectors: JST connectors for discrete wires.
Applicable press: AP-K2N



Pneumatic press
MP-2A

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

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


Accessories: Foot switch, power cord



Optional: Control unit for pneumatic presses
MP-CU

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.



Pistol tool
for discrete wires and jumper wires
IDB-12

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 placement)
• Compact, light and maintenance free. No inspection or lubrication is necessary.

<Made in Germany>



| Pitch mm(in.) | | Series | |
|---------------------|----|-----------------------|----------|
| 2.0(0.79) | DA | MKD-LR + MKD-LR-DS-DA | IDH-DA12 |
| | DR | — | IDH-DR12 |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| 2.5(0.99) | DA | — | IDH-DA12 |
| | DR | — | IDH-DR12 |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| 2.54(1.00) | DA | — | IDH-DA12 |
| | DR | — | IDH-DR12 |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| | CR | — | — |
| | DR | — | — |
| 3.96(1.56) | VR | — | IDH-VR12 |
| | RX | — | — |
| Ribbon cable cutter | | — | |

| | | |
|--|---------------------|--------------|
| MKD-LR with die set | FP series | IDH series |
| Pneumatic press: AP-2H Electric press: AP-K2N | Applicator | Head adaptor |
| Pneumatic press: AP-2D | Pistol tool: IDB-12 | |

| | | | |
|---|------------|-----------|----------------|
| H2A series | Applicator | H2A-SUR | H2A-SUR |
| Pneumatic press: HPD-M2A Hand press: AP-2 or AP-2H | | H2A-SR | H2A-SR |
| SR | | H2A-SSR | H2A-SSR |
| ASR | | H2A-ASR | H2A-ASR |
| CZ | | H2A-CZ | H2A-CZ |
| ZR | | H2A-ZR | H2A-ZR |
| ZA | | H2A-ZA | H2A-ZA |
| CR (Note 4) | | H2A-CR | H2A-CR |
| DR | | H2A-DR | H2A-DR |
| DA | | H2A-DA | H2A-DA |
| DD | | H2A-DD/DS | H2-DD/DS20ED-X |
| DS | | H2A-NR | H2-NR20ED-X |
| NR | | H2A-NRD | H2-NRD20ED-X |
| NRD | | H2A-NRD | H2-NRD20ED-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 |
| RA | | H2A-RA | H2-RA20ED-X |
| RC | | H2A-RC | H2-RC20ED-X |
| RX | | H2A-RX | H2-RX20ED-X |
| VR | | H2A-VR | H2-VR15DD-Y |
| 3.96(1.56) | | H2A-VR | H2-VR15DD-Y |
| Ribbon cable cutter | | — | |

| | | | |
|--|-------------------------|---------------------|---------------------|
| MKD-LP with die set | HID series | H2 series | H2A series |
| Pneumatic press: AP-K2N | Applicator | Applicator | Applicator |
| Pneumatic press: AP-2H Electric press: AP-K2N | Hand press: HPD-M2A-HID | Hand press: HPD-M2A | Hand press: HPD-M2A |

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 KRXR series connectors.

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