
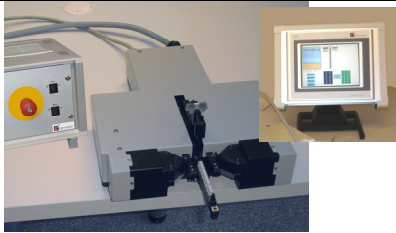



Machine Selector for the application of Discrete Wire IDC connectors

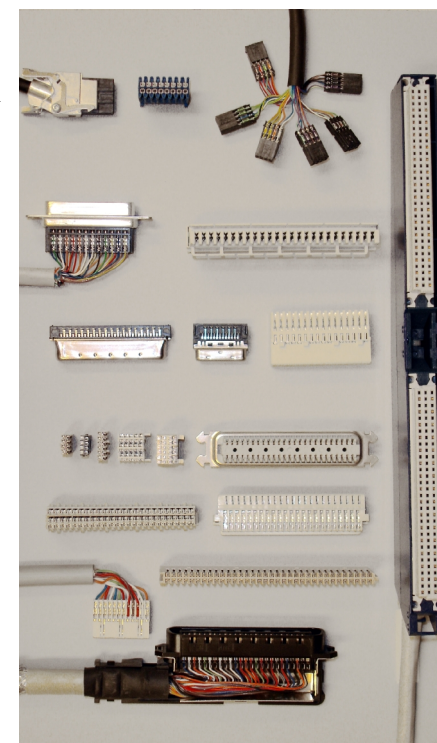
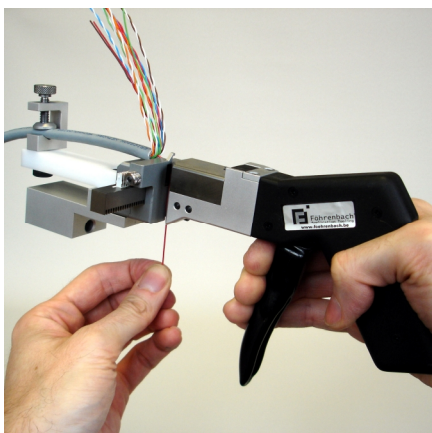
Status: November 19, 2007	BPY 67** Full version semi-automatic machine	BPY 69** Two head 'Low Cost' semi-automatic machine	BPY 65** Single head 'Low Cost' semi-automatic machine
Picture			
Human interface	Colour graphical 10,4" touch screen For ergonomically reasons, the control unit and the display are split into two units.	Colour graphical 10,4" touch screen For ergonomically reasons, the control unit and the display are split into two units.	B&W LCD display (160x80 pixels) plus tactile function keys on the front of the control unit. Display and keyboard are integrated in the control unit.
Operator support during production	Graphical representation of the connector lay-out plus coloured wiring diagram. A pointer indicates the actual position in the wiring program while two detailed fields shows the colour composition of both the left and right wire in process.	Graphical representation of the connector lay-out plus coloured wiring diagram. A pointer indicates the actual position in the wiring program while two detailed fields shows the colour composition of both the left and right wire in process.	A line of the LCD display is indicating the wiring program. Two icons are representing a wire or no wire. During production, an arrow indicates the active position in the wiring program.
Macro mode (sequence of different wiring programs)	Available	Available	Optionally available
Maximum available wiring programs in the memory	500 stored on Compact Flash card.	500 stored on Compact Flash card.	99 stored on RAM memory.
Wire types known by the machine	6	6	6
Copy of programs and machine settings	With USB stick	With USB stick	Not Available
Ethernet port	Available	Available	Not Available
Upgrade capabilities	This is a generic machine. In order to apply other IDC connectors, a magnitude of tool kits and software extensions are available.	This is a generic machine. In order to apply other IDC connectors, a magnitude of tool kits and software extensions are available.	Machine dedicated for the application of one type of IDC connector.
Connector nest	The machine is equipped with a quick changing system for the connector nest.	The machine is equipped with a quick changing system for the connector nest.	The machine is equipped with a fixed connector nest.
Wire insertion system	Equipped with two high precision wire insertion heads. As such, two wires (one left and one right) can be inserted simultaneously.	Equipped with two wire insertion heads. As such, two wires (one left and one right) can be inserted simultaneously.	Equipped with one wire insertion heads. As such, only one wire can be inserted at a time.
Insertion head positioning (in case of a 3 row connector)	During the production, the positions of the wire insertion heads are automatically adapted to the connector row in process. A-B or C-row, C-row left or right.	During the production, the positions of the wire insertion heads are automatically adapted to the connector row in process. A-B or C-row, C-row left or right.	By means of a lever, the operator has to adjust the position of the wire insertion head versus the connector. One position is available for the A and C-row while the second position of the lever selects the B-row.

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Program cycles required to complete for equation the 3 rows of a connector.	2 cycles. First step: completing A and B-row. Second step: completing the C-row.	2 cycles. First step: completing A and B-row. Second step: completing the C-row.	3 cycles. Each row of the connector has to be completed separately. First the B-row, then the C-row. Then the operator must remove the connector out of the nest and turn them, put them back in the nest for the completion of the A-row.
Wire guides	The wire insertion heads are equipped with automatic wire guides. By means of the program and motors, the wire diameter of the active wire can be easily adjusted.	The wire insertion heads are equipped with a mechanically adjustable wire guide.	The wire insertion head is equipped with a mechanically adjustable wire guide.
Diagnostic	Full on screen diagnostic available for all inputs and outputs.	Full on screen diagnostic available for all inputs and outputs.	Only input diagnostic available.

****:** The IDC cable terminators are available for a multitude of discrete wire IDC connectors. The figure which is replacing the ‘***’ in the reference of the tool is indicating the type of connector that can be applied. →

Hand- and repair tools are available for each connector style



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