

Specifications

<i>Concept</i>	DC motor driven Z-linear-axis single-board-PC menu-controlled teach in, operating and menu access via shuttle-wheel with push-button
<i>Wire types</i>	Gold- and aluminium wire 17,5...75 µm on 2" spool Option: ½" spool
<i>Bondhead</i>	Wire guide 45°/60° optional Contactless electronic touchdown-sensor US-Generator 60 or 100kHz reversible programmable 0 up to 5W Bond force 15 up to 150cN manually adjustable Clamp tear
<i>Display</i>	6,5" TFT Color-Display, 640x480 Pixel (VGA)
<i>Working area</i>	Bondhead linear Z travel: 60 mm; step precision 1 µm Standard workheight 70 mm Manipulator in X and Y: 18x18 mm complies reduction 1:7
<i>Substrate</i>	Standard diameter 60 mm for components up to 2" x 2" 4" x 4" and 80 mm Ø optional, also with vacuum Digitally controlled heated stage, up to 360°C optional
<i>Control mode</i>	Manual, semi-auto Program line-step for testing via Shuttle-wheel
<i>Loop types</i>	Standard rectangular, reverse, stitch, programmable
<i>Dimensions</i>	Height 400 mm, width 630 mm, depth 580 mm, weight approx. 30 kg
<i>Connections</i>	100...230 VAC, single-phase; if necessary air pressure / vacuum Ø 7 mm

Version



5330

Manual Wire Bonder

The Wedge-Wedge-Bonder 5330 can process aluminium and gold wires from 17,5 to 75 µm. The compact table-top unit is ideal for small scale production, laboratory, prototyping, pre-series and repair applications. The Z-driven motor enables the bonder to perform bonds without operator intervention. Due to the new designed clamp, it's possible to bond tapes up to 125µm width. Operators require only a minimum of training, making the 5330 the ideal choice for pre-series and small-scale production. The bondhead is equipped with automatic feed- and tailfunction, which allows optimal, user-friendly bonding. The operator can create different kinds of loops with the manipulator system.

F&K Delvotec Bondtechnik GmbH & Co. KG

Industriezeile 49a
5280 Braunau am Inn, Österreich
Tel.: +43-7722-67052-8270
Fax: +43-7722-67052-8272
Email: info@fkdelvotec.at

F&K Delvotec Bondtechnik GmbH

Daimlerstraße 5-7, D-85521 Ottobrunn
Tel. +49-89-62995-0,
Fax +49-89-62995-101
Email: info@de.fkdelvotec.com
Internet: www.fkdelvotec.com

F&K Delvotec Bondtechnik GmbH & Co.KG

3 International Business Park
#04-05 Nordic European Centre
Singapore 609927
Tel. +65-6890-6020, Fax +65-6890-6021

F&K Delvotec, Inc.

27182 Burbank Ave,
Foothill Ranch, CA 92610 USA
Tel. +1-949-595-2200,
Fax +1-949-595-2207



Standard
TB0000.93.000
unheated
2x2"



Option
TB0000.97.000
unheated
2x2"



Option
X
unheated
4x4", mechanical clamping, vacuum



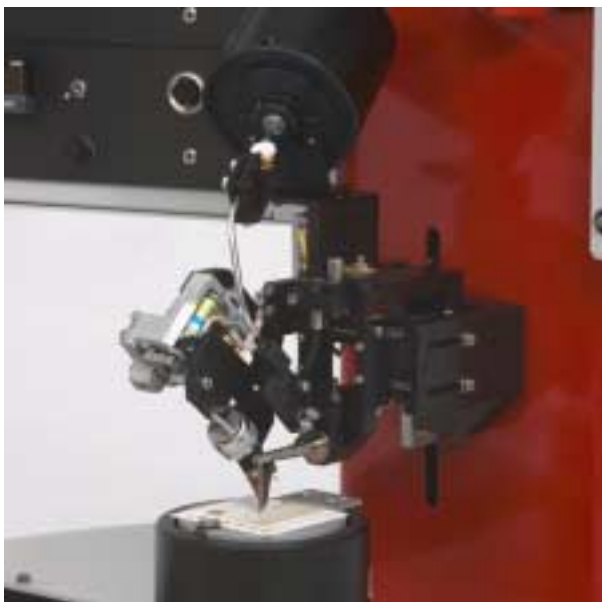
Option
TB0000.92.000
heated
Ø 60mm, mechanical clamping



Option
TB0000.87.000
heated
Ø 80mm, mechanical clamping and vacuum



Option
4.4031.0000A
heated
4x4", mechanical clamping and vacuum



Bondhead 5330
4.2034.2000
new designed mechanical clamp (Feed&Tail)

F&K Delvotec Bondtechnik GmbH & Co. KG
Industriezeile 49a
5280 Braunau am Inn, Österreich
Tel.: +43-7722-67052-8270
Fax: +43-7722-67052-8272
Email: info@fkdelvotec.at

F&K Delvotec Bondtechnik GmbH
Daimlerstraße 5-7, D-85521 Ottobrunn
Tel. +49-89-62995-0,
Fax +49-89-62995-101
Email: info@de.fkdelvotec.com
Internet: www.fkdelvotec.com

F&K Delvotec Bondtechnik GmbH & Co.KG
3 International Business Park
#04-05 Nordic European Centre
Singapore 609927
Tel. +65-6890-6020, Fax +65-6890-6021

F&K Delvotec, Inc.
27182 Burbank Ave,
Foothill Ranch, CA 92610 USA
Tel. +1-949-595-2200,
Fax +1-949-595-2207