

BONDING THE STARS

FAS
BONDTEC



5832

DeepAccess Wedge Bonder

Bond System

| | |
|-------------------|---|
| Wire types | Wires from 17,5 ... 75 µm on 2"-Spule Ribbon from 30x12,5 µm to 250x25 µm motorized wire despooler (optional) |
| Bond head | Wedge-Wedge for ribbon and thin wire (Au/Al) Standard wedges of 1" length, optional 3/4" 90° wire feed |
| Ultrasonic System | F&K Generator 60 kHz/100 kHz further frequencies on request! |

Bonder Base

| | |
|----------|--|
| Axes | Working area X/Y-axis 200 x 150 mm; step resolution 0,3 µm Programmable Z axis with 100 mm stroke; step resolution 0,3 µm |
| Hardware | Dual-Core PC with Windows 7 OS, Ethernet, USB 2.0/3.0 LCD Colour Display 22" GigE-CCD-Colour Camera, 5 Mpixel Fully networkable in TCP/IP servers for program archiving |
| Software | From single bonds up to complex programmes, teach-in programming, also in step-and-repeat Loop shapes can be stored in libraries Optionally: pattern recognition with pseudo-error check |

The DeepAccess version of the automatic wire bonders in our Series 58 featuring exchangeable bond heads.

A fully automatic mode makes it ideally suited for medium-scale production. Parts to be bonded are fed manually by the operator, but the bonds are produced completely without operator influence. Thanks to the built-in pattern recognition.

Single bonds can be made within seconds, making the machine perfect for R&D, Pilot manufacturing and middle volume production

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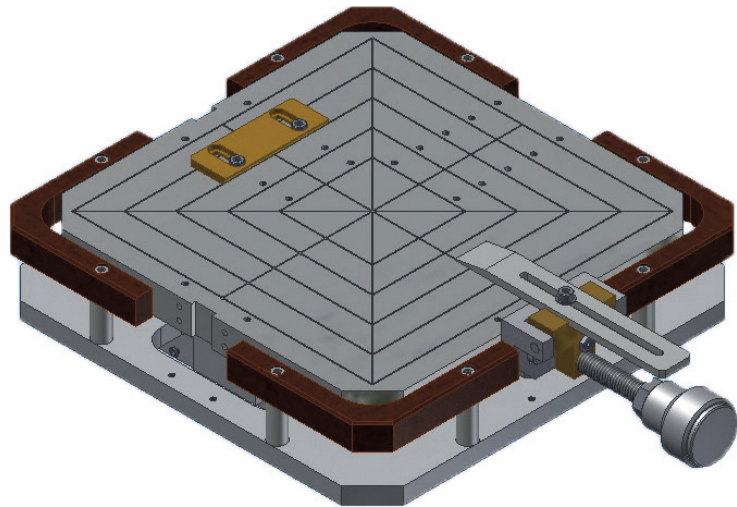
F&S BONDTEC

Dimensions W x D x H 92 x 71 x 65 cm, weight approx. 80 kg

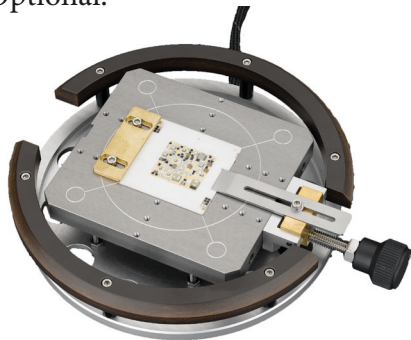
Connections 100...240 VAC, single phase, 50/60 Hz,
max. 230 VA
Ø 6 mm standard vacuum tubing

Workholder

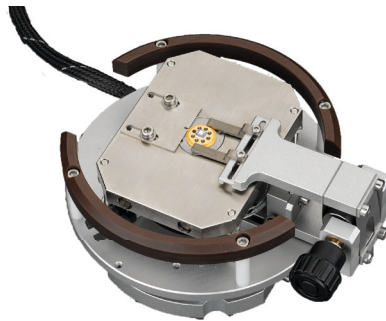
Standard-Workholder
for Parts up to 6" x 6"
with Vacuum und mechanical clamping



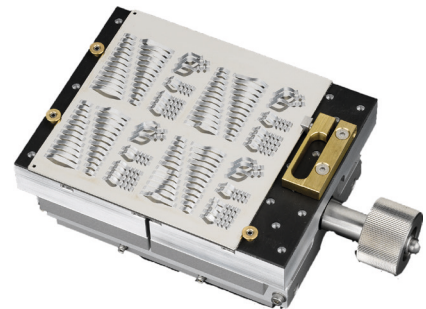
Optional:



for Parts up to 4x4"
with Vacuum und
mechanical clamping



TO Workholder with
mechanical clamping



4x4" Workholder with
rubberized surface;
mechanical clamping



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