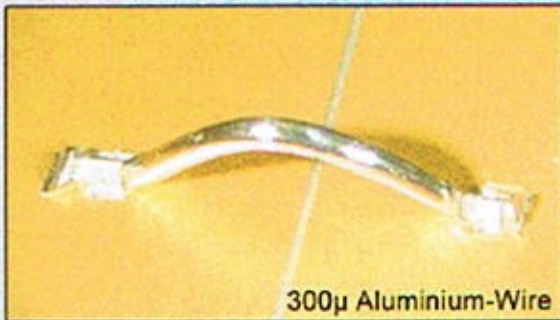




HB30 Heavy Wire Bonder



300µ Aluminium-Wire



TFT Touch-Panal

- + 125µ to 500µ Aluminium Wire
- + 6,5" TFT Touchpanel operation System
- + 100 Program storage capacities
- + Built in Dual Fiber Optic illuminator
- + Motorised Z Bond Head
- + Motorized Y travel for Step-Back loop control
- + 6:1 ratio X-Y manipulator
- + FDD 3,25" to store Bonding programs
- + Loop Profile Programmable
- + Stitch bonding
- + Semi-auto, Step and Manual Bonding Mode

HB30 Heavy Wire Bonder

The HB30 is a bench top size wire bonder, easy to operate and ideal for laboratories, pilot and pre-production runs and small scale production lines.
Easy operation with TFT Touch Panel Operator System.
Direct access and simple adjustment to all bond parameters and programs.

Standard

6,5" TFT Touch panel operation System
90° Bonding Deep-access Bond Head
H&K Ultrasonic generator System
100 Program storage capacities
Motorised Bond Head
Motorised Y travel for Step-Back loop control
Loop Height programmable
Loop Profile programmable
FDD 3,25" to store Bonding programs
Built in Dual Fiber Optic illuminator
Semiautomatic bonding

Options

H10 Zoom Stereo-Microscope Leica S6 20x
H10 Zoom Stereo-Microscope Leica MZ6 20x
H21 100 x 100 mm Adjustable height heated work stage
H26 Adjustable height work stage surface 60 mm ø
H29 Adjustable height work stage surface 90 mm ø
H50 Spot light targeting System
H51 Manual Z control
H60 Bonding tool (Specify wire diameter)
H74 Aluminium Wire (Specify wire diameter)
H73 Torque Wrench 25 cNm for Bonding Tool

Technical Spezifikationen

Ultrasonic system	PLL US System
Ultrasonic power	14 watt output
Bond time	15 - 2000 msec.
Bond force	15 - 1100 cN
Aluminium wire diameter	125µ to 500µ
Wire termination	Front cut
Wire feed angle	90°
Motorized Y travel	stepback up to 7 mm
Motorized Z travel	15 mm
Fine Table motion	15 mm
Mouse ratio	6:1 (Option 4:1 , 3:1)
Electrical Requirements	100 - 240V +/-10% 50/60 Hz 10A max.
Physical Dimensions	680 mm (27")W x 640 mm (25") D x 490 mm (19") H
Weight	Net 50 kg
Industry Standards	CE standards



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