



WEST·BOND® INC.

**ACCESSORIES
For all West-Bond
Equipment**

Continuing a Tradition of Quality

ACCESSORIES

Radiant Heater Controller, with 3021 Radiant Heater: Stand-Alone Radiant Heater Controller, with 3021 Radiant Heater. Assembly A-8984



K~1200D, Temperature Controller: A 400 watt microprocessor-based Temperature Controller provides precise control with a minimum of set-up. The K~1200D is a programmable controller linked to the work holder heating elements through two solid-state relays. The controller offers flexibility, while the solid-state relays offer dependability. The **K~1201D** is a 600 watts version for larger applications.

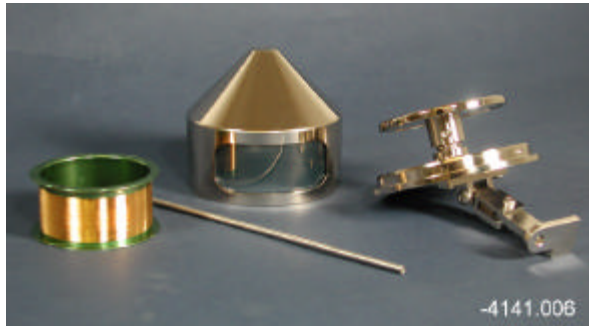
K~1300 Gas Flow Assembly: Comprised of K~1310 Gas Flow Control and K~1320 Laminar Flow Nozzle. Used to compliment West Bond Cavity Inert Atmosphere Work holders for Eutectic die attachment.



K~1310 Gas Flow Control: The operator, by means of an on/off footswitch, releases the gas to the work area. Immediately after the scrub cycle stops, the footswitch is activated and the die is showered with cool forming gas. A manual adjustment is provided to meter the amount of gas to be released.

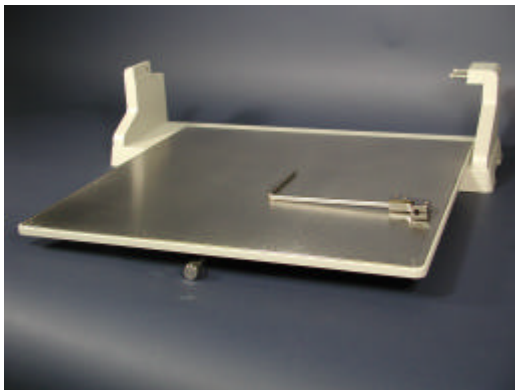
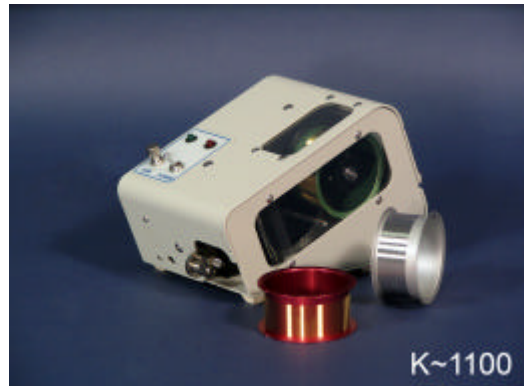
ACCESSORY DESCRIPTION

K~1311 Vacuum Control: The operator, by means of an Off/On footswitch, can disengage the vacuum to the work area releasing the part to replace with another. A vacuum gauge on the front of the control box displays the pressure in inches of Mercury.



-4141.006 / -4141.008 Spool Mount: Universal 2.00" dia. spool mount, is housed into a nickel plated aluminum enclosure. The wire is fed through a 6" stainless steel funnel, which serves as a wire guide. Used on all manual bonder models.

K~1100 Automatic Wire Despooler: Pays out bond wire at 1.0 in./sec. from 2 in. wire spool. Maintains constant slack with zero drag. Announces end of wire stock.



-9221 & -9228 20" x 20" Work Platform:

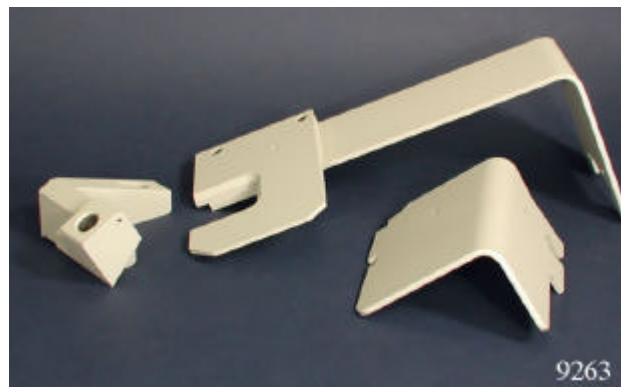
Extra large 20" x 20" Work Platform Assembly.

May be used on all 7KE Series machines. Assembly A-9228.

May be used on all 4KE & 5KE Series machines.

Assembly A-9221 / A-9228.

-9263 Conversion Kit: These replacement covers are for Model Series 7400E with K~1100 Wire Despooler. These cover support the K~1100 and give access for the wire from the top of the machine to the tool head.



ACCESSORY DESCRIPTION



Product Number including Power Supply

Current Adapters Available for:

- Olympus: SZ30, SZ40, SZ60, & SZ51
- Nikon: SMZ-660, & SMZ-645
- Leica: S4E, S6, S6D, S6E, & S6T
- Leica: SZ1, SZ2, SZ3M, SZ4 & SZ5

Single Array / Double Array

-10265	-10267
-10265.01	-10267.01
-10265.02	-10267.02
-10265.03	-10267.03

-10235: LED Luxuray Illuminator, without power supply. Focused LED lamps are effective for use at focal distances of 80 to 120 mm; for 100-220V AC power source; ESD protected.



-10266: LED Luxuray Illuminator, Second Array, with twin retainer nut and "Y" adapter for power supply connection. This adds an additional light array and gives nearly full circle illumination. For use with an existing -10265 LED Luxuray assembly.

ACCESSORY DESCRIPTION



-10400: Wire Bonder Installation Kit:

This Kit is a assembly of 16 different parts that may be required upon the installation of a Wire Bonder.

-72E External View TV Camera.

External side view camera that may mount on any Die attach of wire bond machine for training purposes or seeing bond profiles during operation. Assembly No. 10375.



S.M.A.R.T.

Superimposed Microscope Attached Reference Target.

A self-contained assembly for attachment directly to microscope objective to superimpose positional information onto the work piece view. This information is added by the beam splitter principle in which the objective rays are partly transmitted to the work and partly reflected to focus on the information plane. The information reticule may be moved about in that plane to align to the "work" point.

ESD protected. Power supply included.

-10557.xx Luxuray assemblies include adapters to mount the -43B. Existing customer Luxuray assemblies require assembly 10444 to mount the -43B.

ACCESSORY DESCRIPTION

MICROSCOPES

West-Bond stocks the following microscopes for use with our machines. Both are ESD protected. West-Bond can also order other scopes that the customer may want with their machine order.



Nikon ESD Microscope: Model SMZ660 with ESD protection, with E-Arm, with 15X eyepieces, without Illuminator.

Assembly No. 9652.

10x eyepieces available, Assembly No. 9652.001

Olympus ESD Microscope: Model SZ51-60 Microscope with E-Arm, with 15X eyepieces, without Illuminator.

Assembly No. 10560

10x eyepieces available, Assembly No. 10560.01



ACCESSORY DESCRIPTION

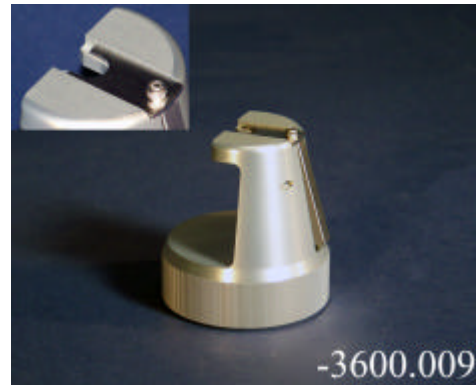
COLD WORK HOLDERS

The specifications define Features that add additional capabilities or utilities to the basic machine models, and cross-reference those models with which the Features may be combined.



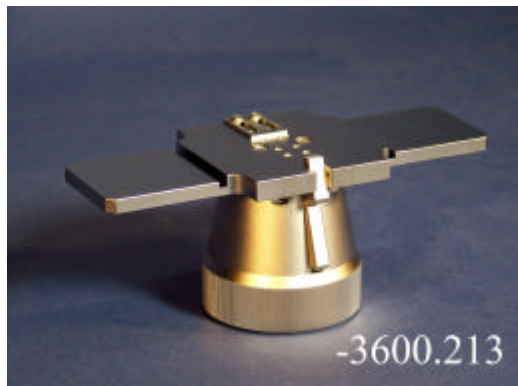
-3600.002 Non Heated Work holder: Non-rotating work holder for substrates up to 1.000" x 1.000", with mechanical clamp and adjustable back rails.

Assembly No. 3600.002.



-3600.009 Non Heated Work holder: Non-rotating work holder for TO-5 & TO-99. Work piece is held by mechanical clamp, with overhead clamp blade

Assembly No. 3600.009

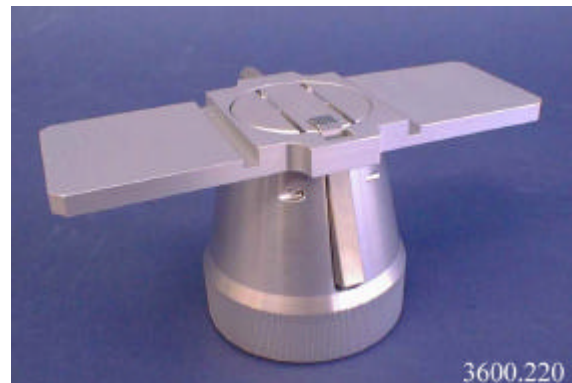


-3600.213 Non Heated Work holder: Basic non-rotating work holder for substrates 0.250 x 0.250 up to 2.000" x 2.000". Work piece is held by mechanical clamp, with Dual 2.000" x 2.000" stationary fluoroware supports.

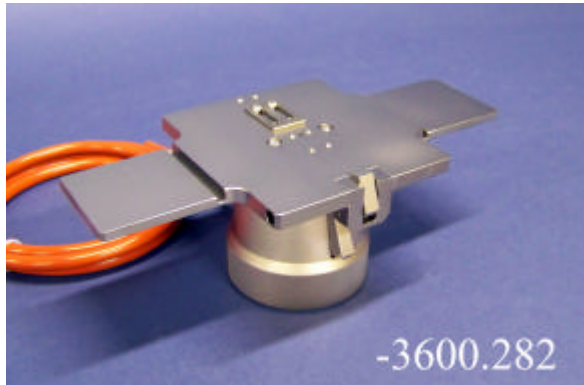
Assembly No. 3600.213.

-3600.220 Non Heated Work holder: Non-rotating work holder for substrates up to 1.000" x 1.000". Work piece is held by mechanical clamp, with 2 Position, 2.000" x 2.000" fluoroware supports.

Assembly No. 3600.220.



ACCESSORY DESCRIPTION

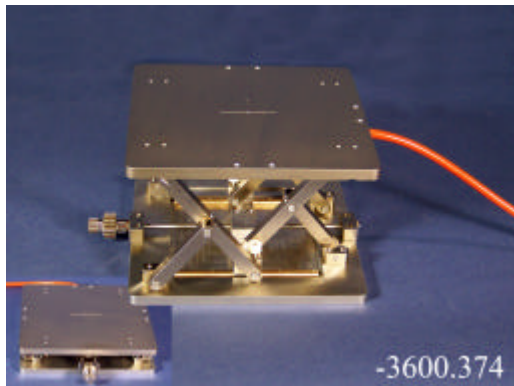


-3600.282 Non Heated Work holder: Non-rotation work holder for substrates that are 0.25' X 0.25" up to 3.000" x 3.000". Work piece is held by mechanical clamp, and vacuum with 1/16" diameter vacuum hole. Non Rotating, 2 position, 2.000" x 2.000" Fluoroware supports are included.

Assembly No. 3600.282

-3600.335 Non Heated Work holder: Non-rotating fixed height work holder, for cylindrical package that is 0.28" diameter X 0.19" tall with (2) leads on the bottom. The package is held by mechanical clamp with an overhead clamp extension. Rotating 2.00" x 2.00" fluoroware support and die mirror are included.

Assembly No. 3600.335.



-3600.374 Non Heated Scissor Lift Work holder: Adjustable Height range from 1.500"-4.000".: Work piece is held by vacuum that has a 1.5625" x 1.5625" cross pattern, with a .0625" diameter vacuum hole on 6.500 x 6.500 adapter.

Assembly No. 3600.374.

ACCESSORY DESCRIPTION

HEATED WORK HOLDERS

Free Furnace Work holders:

This furnace is free in the sense that it is not connected to the machine but may be readily inter-changed with the Free Anvil normally used for ultrasonic bonding, giving work piece heat capability to any machines of the 4K, 5K or 7K Series for thermo-sonic, and eutectic bonding



-45: Free Furnace Work holder: Basic non-rotating work holder for substrates up to 1.000" x 1.000". Work piece is held by mechanical clamp, with a adjustable backstop from which many variations are derived.

Assembly No. 3800.001.

-45C: Free Furnace Work holder: Non-rotating work holder for substrates up to 1.000" x 1.000". Work piece is held by mechanical clamp, with a adjustable backstop. Rotating die mirror presentation is included.

Assembly No. 3800.009.



-45.345: Free Furnace Work holder: Non-rotating work holder to support a TO-8 type package. Work piece is held by mechanical clamp, with a fixed backstop.

Assembly No. 3800.345.

-45E: Free Furnace Work holder: Non-rotating work holder for substrates up to 2.000" x 2.000". Work piece is held by vacuum that has a .0625" diameter vacuum hole.

Assembly No. 3800.011.



ACCESSORY DESCRIPTION



-45G.402 Free Furnace with Drop in Adapter: Non-rotating work holder for substrates up to 2.000" x 2.000". Work piece is held by mechanical clamp, with adjustable backstop. Cavity inert atmosphere, non-rotating 2.000" x 2.000" Fluoroware support and rotating die mirror presentation are included.

Assembly No. 3800.402.

-45G: Free Furnace Work holder: Non-rotating work holder 2.656 High, for .375" to 2.000" x 2.000". Work piece is held by mechanical clamp, with a adjustable backstop. Assembly No. 3800.295.



45J: Free Furnace Work holder with Rotating Adapter: Basic rotating work holder adapter for substrates up to 1.000" x 1.000". Work piece is held by mechanical clamp, with a adjustable backstop from which many variations are derived:

Assembly No. 3800.056.

-45C.358: Free Furnace Work holder: Free Furnace Work holder: Non-rotating work holder for substrates up to 1.000" x 1.000". Work piece is held by mechanical clamp, with a adjustable backstop. Cavity inert atmosphere and adjustable height rotating 2.000" x 2.000" fluoroware support are included. Assembly No. 3800.358.



ACCESSORY DESCRIPTION

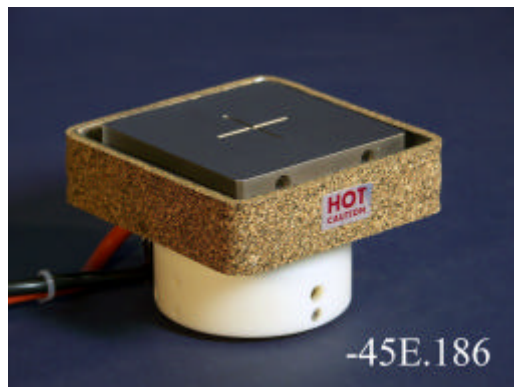


45JVM.174: Free Furnace Work holder with Rotating Adapter: Rotating work holder adapter for substrates up to 1.000" x 1.000". Work piece is held by mechanical clamp, with a adjustable backstop and vacuum, with a 1/16" diameter vacuum hole.

Assembly No. 3800.174.

-45C.504: Free Furnace Work holder with Rotating Adapter: Non-rotating work holder for substrates up to 1.000" x 1.000". Work piece is held by mechanical clamp, with an adjustable backstop. Cavity inert atmosphere and vacuum gel-pak, with interchangeable fluoroware/mirror die presentation are included.

Assembly No. 3800.504

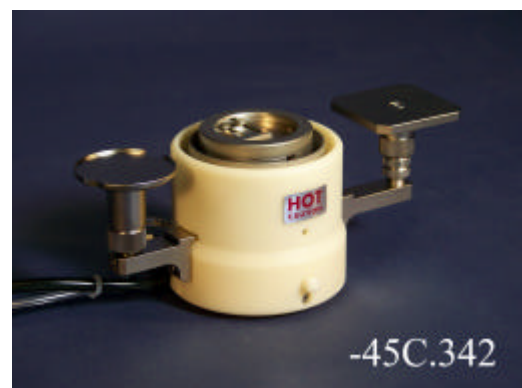


-45E.186: Free Furnace Work holder: Non-rotating work holder for substrates 1.250" x 1.250" up to 3.000" x 3.000". Work piece is held by vacuum that has a 1.250" x 1.250" cross pattern, with a .0625" diameter vacuum hole.

Assembly No. 3800.186.

-45C.342: Free Furnace Work holder: Non-rotating work holder for substrates up to 1.000" x 1.000". Work piece is held by mechanical clamp, with a adjustable backstop. Cavity inert atmosphere, Die presentation includes 2x2 Fluoroware Support and Rotating Die Mirror.

Assembly No. 3800.342



ACCESSORY DESCRIPTION



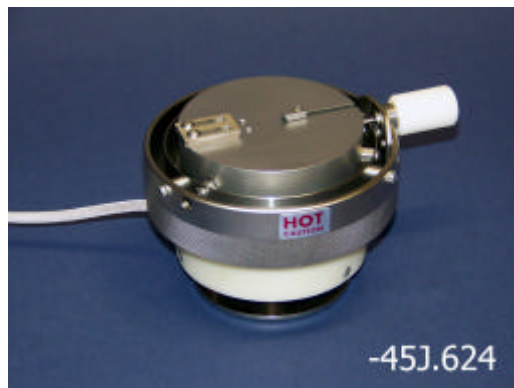
45G.353 Free Furnace Work holder: 2" x 2" substrates, mechanical clamp, adjustable backstop, and cavity inert atmosphere. With 2"x2" fluoroware die presentation.

Assembly No. 3800.353.

-45G.558.230V Free Furnace Work holder: Free Furnace Work holder: 230V, 3.00 X 3.00 Adapter Size, Adjustable Height Mechanical Clamp, Fixed Height Work holder, Cavity Inert Atmosphere, Interchangeable Mirror and Fluoroware, to hold a Sub mount Fixture.

Assembly No. 3823.558

Available in 120V as 3800.558



-45J.624: Free Furnace with Rotating Adapter: Rotating 3.25" Dia. Adapter: Rotating 3.25" Dia. Adapter with lock open adjustable mechanical clamp and adjustable backstop. Grip range for 0.031 Thick. Substrates 0.125" to 2.500". The Base is Adjustable in height from 2.800" to 3.400".

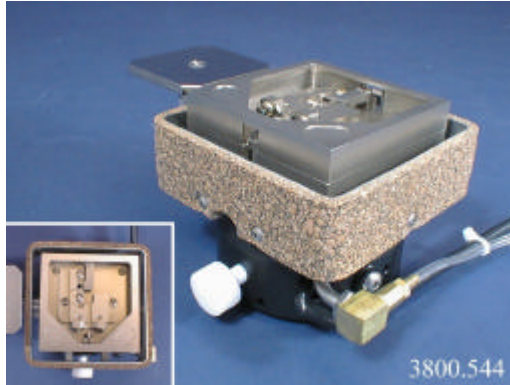
Assembly No. 3800.624

-45G.533: Free Furnace Work holder: Free Furnace Work holder, 3.00" X 2.75" Substrate, Mechanical Clamp, 0.0625 Dia. Vacuum Hole, Adjustable Backstop, 2.65625 Fixed Height, No Atmosphere, No Die Presentation.

Assembly Number 3800.533.



ACCESSORY DESCRIPTION



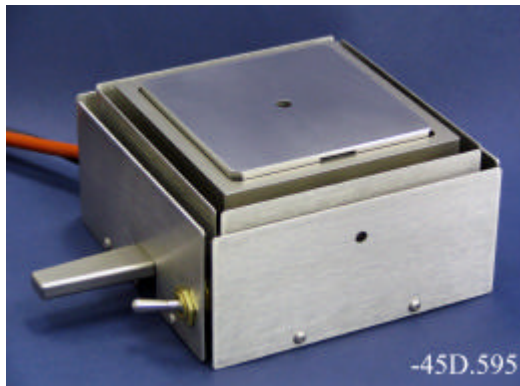
-45C.544: Free Furnace Work holder: Cavity Inert Atmosphere, 2X2 Adapter Size, With Dual Mechanical Clamps to Hold a TO-56 Package in Two Different Positions. (1) Horizontal and (2) 7 Degrees From Vertical. 2 x2 Fluoroware Die Presentation.

Assembly No. 3800.544.

10177.04: Furnace Work holder: Large-Area Heated Work Station with removable adapter included. 6.312 x 8.250 Adapter size with 0.062" Dia. Vacuum hole. Workstation is capable of being mounted in X or Y direction.

Usage: Model 3500E Series, 4KE, 5KE, 7KE Series. Assembly No. 10177.04.

Requires addition of Adjustable Height Platform Assembly No. 9640 and K-Sine Model No. K-1201D Temperature Controller.



-45D.595: Free Furnace Work holder: 3.50"x3.50" Drop-in Adapter, Vacuum Clamp, 0.250 Dia. Vacuum Hole, On-Off Vacuum control switch, Handle provided for easy manipulation of work holder, No Backstop supplied, 2.65625 Fixed Height, No Atmosphere, No Die Presentation

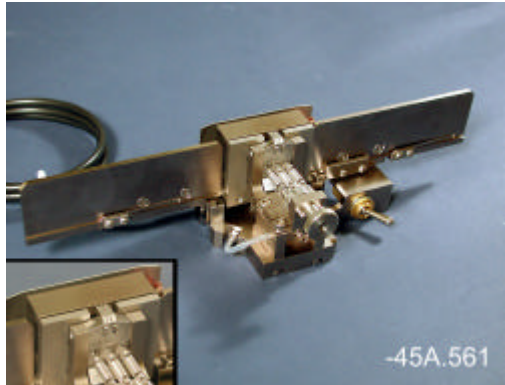
Assembly No. 3800.595

-4900.049: Free Furnace Work holder: Mechanical Clamp, Station Height 2.484", A Sliding Tray for Random Die Placement mounted on back side of Work holder, This Station will hold one at a time of two Interchangeable Carriers with eight each TO-39 and eight each TO-46 Headers held in vertical Position.

Assembly No. A-4900-049.



ACCESSORY DESCRIPTION



-45A.561: Free Furnace Work holder: Non-rotating heated work holder for 3 pin Vertical Lead frames. Work piece is advanced to each bond site manually, then held by 3 clamps, individually adjustable, spring force close & pneumatic open. Assembly No. 3800.561.

Rotary Platform: 3.25" Dia. X 0.250" high, manual rotating platform with locating pins to mate with heated work holder. Magnetic base holds rotary platform to machine platform and top surface holds magnetic base of work holder. To be used with free furnace non-rotating work holders.

Assembly No. 5400.019



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