ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *West-Bond 7400E* at our website: ***Click HERE***

WEST·BOND, INC.



7400E – 7600E – 7700E SERIES

MANUAL WIRE BONDERS

Triple Convertible Machine

Continuing a Tradition of Quality

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

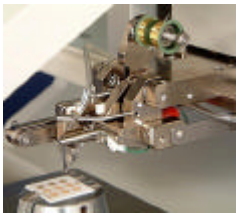
7400E · 7600E · 7700E Series

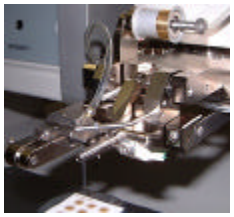
7400E - Conventional 45 Degree Wire Feed Wedge Bonder
7600E - Deep Access 90 Degree Wire or Ribbon Feed Wedge Bonder
7700E - Single Ball or Ball-Wedge Bonder

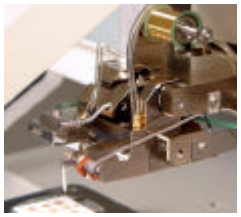


UNLIMITED DEEP REACH access to remote bond targets on large packages with WEST·BOND'S new throatless chassis and micromanipulator designs. All machine components, circuitry and enclosures are arrayed above the horizontal bond plane, eliminating any restrictions to package size or shape. Manual "E" Series models are available for all microwave, semiconductor, R.F., and hybrid production, and are ideal for repair station or laboratory use.

CONVERTIBILITY for a variety of bonding methods is pioneered by West·Bond. A simple exchange of bond tool head or wire clamp assembly, provided with specified models, allows conventional 45º wire feed, deep access 90º wire or ribbon feed, ball bonding, insulated wire and single point tab/lead bonding. All programmed bond variables and machine settings for each tool head are retained in memory and retrieved automatically upon conversion.





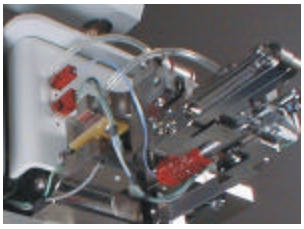




PROGRAMMING for thirty different device types may be entered into separate buffers. Each device wire may have up to 21 stitch bonds with individual ultrasonic power, time, force (high or low) and loop elevation control data. Program values, action prompts, and fault diagnostics are exhibited on the easy to read 4 line, 40 character LCD sequentially with machine operation.



FEATURES include programmable dual force (high or low), pure vertical Z, pneumatic braking of all axes during bonding, and radiant tool heat. Available with or without the base and work platform for tabletop or conveyor system applications.





STANDARD SPECIFICATIONS

CONTROL LOGIC: Motorola 68000 Microprocessor
MEMORY: Battery back-up RAM
DATA ENTRY: Selector switch
Z TOOL RANGE: 0.5625 inch
Z ENCODER RESOLUTION: 0.001 inch
BOND FORCE RANGE: Adjustable, 10 to 250 grams
TRANSDUCER: ½ wave, 63 KHz (nominal)
BALL FAULT DETECTION: 7700E
ULTRASONICS: Built-in, 8 bit, 4 watts (Ultrasonic Positioning Utility)
WIRE RANGE: 0.7 to 2.0 mils, 1x10 mil gold ribbon (7600E)

ESD PROTECTION: Protection against Electrostatic Discharge
DISPLAY: 4 line, 40 character LCD
CONVENTIONAL TOOL LENGTH: 0.750 inch (7400E)
DEEP ACCESS TOOL LENGTH: 0.750 inch (7600E)
BALL CAPILLARY LENGTH: 0.625 inch or 0.750 inch (7700E)
MICROMANIPULATOR: Dual counterbalanced, single lever, 8:1 ratio
WIRE SPOOL MOUNT: 0.5 inch with ball bearing rollers
RADIANT TOOL HEAT: Built-in
MICROSCOPE: Selection available (ESD types available)
ILLUMINATOR: Selection available (ESD types available)
WORK HOLDERS: Wide selection plus custom fabrication services

www.westbond.com

WEST·BOND, INC.
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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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