

## Jovy RE-7500 BGA Rework System

The RE-7500 can be used to remove and reflow all SMD components, including BGA, CBGA, CCGA, CSP, QFN, MLF, PGA, epoxy underfilled  $\mu$ BGA's, and more.



*JV-001 RE-7500 BGA Rework System*

The Jovy RE-7500 system can connect to your laptop or PC, which allows remote operation of all functions. This interface also incorporates profiles that you can create and edit, and then upload directly to the RE-7500. This allows for consistent results time after time. Profiles are an easy way to adjust all phases of the reflow process, including pre-heating, soaking, reflowing and cooling stages.

The Jovy RE-7500 system excels in the removal of all SMD devices, and is the optimal tool for reballing BGA IC's. The Jovy Systems RE-7500, with its low cost and high quality, is the ideal BGA Reworking System.



# JOVY SYSTEMS



## Accessories

AVRepair, Inc.  
[jovy.avrepair.com](http://jovy.avrepair.com)  
888-45-Fix-it

AVRepair, Inc.

## BGA Reballing Kits

Three different BGA Reballing kits available from Jovy Systems, allows for the reworking of most all BGA device available today. Our BGA masks are made from high quality stainless steel, and are precision tooled and laser etched for easy identification. Special sizes can be made upon request.



### Universal Reballing Kit

Contains 12 different masks of various pitch and size, which allows for the reworking of most BGA IC's. Kit comes complete with precision tooled jig.



JV-RKS Universal Kit

### Cell Phone Reballing Kit

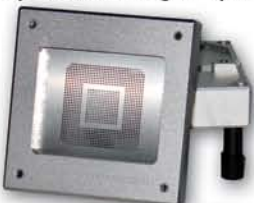
Contains 52 BGA masks which allows for the reworking of most makes and models of cell phones available on the market today. Kit contains special jig and flux spreader.

JV-RKC Cell Phone kit



### Limited Edition Reballing Kit

Special Edition mask set for the X-BOX, which allows for quick servicing. Repairs the 'ring of death', and the 'two flashing lights' symptoms. Kit includes a proprietary 1mm mask and a mask for both the GPU and the NorthBridge IC.



JV-RKX Limited Edition



X-BOX is a registered trademark of Microsoft Corporation

## Protective Tape

Reflective adhesive tape is used to protect areas from unwanted reflow, and to focus the IR energy in specific areas on the PCB.



JV-R010 10M Reflective Tape  
JV-K030 30M Kapton Tape  
JV-R050 50M Reflective Tape

Our Kapton tape is coated with a silicone adhesive that resists temperatures up to 500°F Works well with our Reballing Kits.

## BGA Gel Flux

Jovy BGA gel flux JV-F000 series has resin-like rheological properties. It is completely halogen-free which guarantees long-term reliability. It also has excellent solder ability, with minimal residue and requires no cleaning.



JV-F010 10cc Syringe  
JV-F005 5cc Syringe

## Solder Paste

Jovy solder paste JV-S000 contains solder powder and flux. It also has excellent chemical stability. Jovy series provide significantly longer shelf life than ordinary solder pastes. Good printability and careful dispensing makes for high quality reflow soldering.

JV-SJ10 10g Solder Paste



## Solder Balls

JV-Bxx 0.30-0.76 Solder balls  
JV-SB250 0.25 Solder balls



Jovy solder balls are manufactured to exacting standards. Applicable for all solder ball packaging such as BGA, CSP, and others. Available in both Eutectic and lead-free alloys. Sizes in mm: .25, .30, .35, .40, .45, .50, .55, .60, .65, .76  
Count: 250K

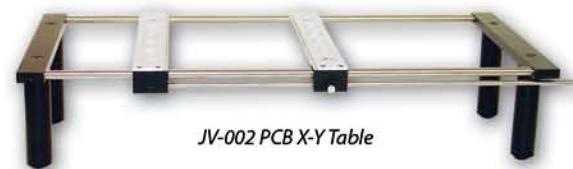
## Smoke Absorber



JV-493 Soldering Smoke Absorber

Efficient and quick elimination of toxic gases and fumes. Extended service-life, low noise fan is very durable and has strong suction. Filter is made with refined activated carbon, which has excellent absorption characteristics. Quick and easy filter replacement.

## Jovy X-Y Table



JV-002 PCB X-Y Table

Our precision X-Y table enables efficient reworking of printed circuit boards. Action is both smooth and effortless. Max PCB size: 13.77in X 17.71in.