

# XDA

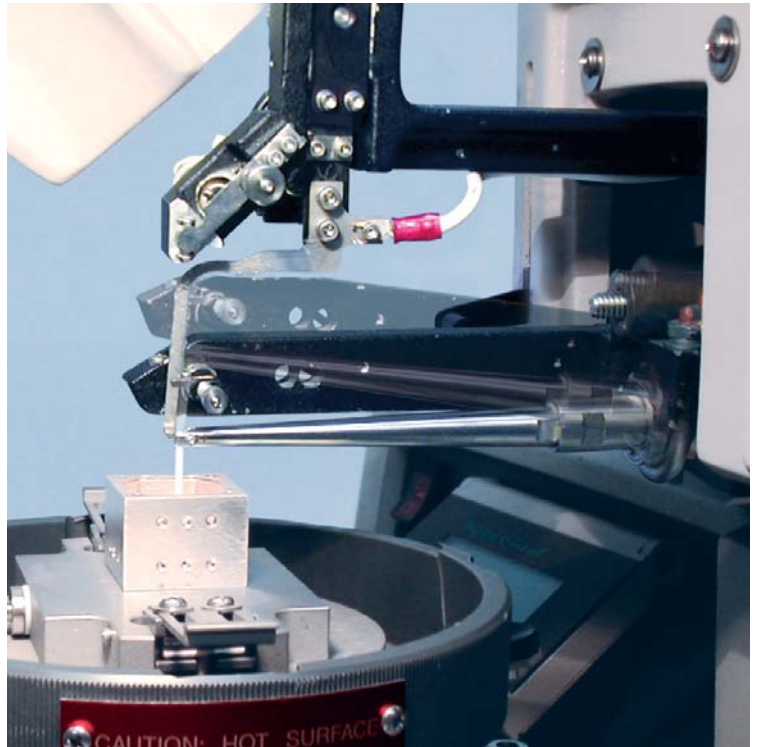
## Extra Deep Access Option for Manual Ball Bonders

The XDA Extra Deep Access Option for all K&S Manual Ball Bonders, increases Z-axis clearance from the standard .360" to .700", which is also the range of controllable Z-axis motion.

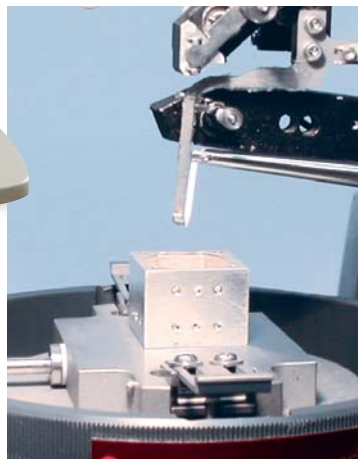
This feature provides additional versatility for a wider range of optical, microwave and complex hybrid/MCM applications, especially those that require precision ball bonding in deep cavities or tight recesses where clearance and control are essential.



The photos at right show how the XDA Extra Deep Access Option provides significant Z axis clearance for a sample product (left) and the ability to perform ball bonds deep within the recessed area of the sample (right).



The XDA Extra Deep Access Option (p/n 04524-0XDA-000-00) is a factory-installed option, available only on new K&S Manual Ball Bonders.



For sales, service and manufacturing locations, visit:

[www.kns.com](http://www.kns.com)

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Revision 02/06

# XDA

## Extra Deep Access Option for Manual Wedge Bonders

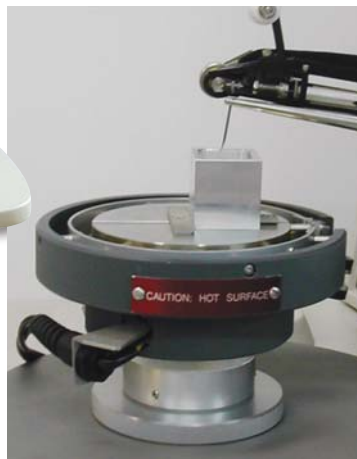
The XDA Extra Deep Access Option for all K&S Manual Wedge Bonders, not only increases Z-axis clearance from the standard .500" to .750", but also expands the range of controllable Z-axis motion from .250" to .400". This feature provides additional versatility for a wider range of optical, microwave and complex hybrid/MCM applications, especially those that require precision wedge bonding in deep cavities or tight recesses where clearance and control are essential.



The XDA Extra Deep Access Option (p/n 04523-0XDA-000-00) is a factory-installed option, available only on new K&S Manual Wedge Bonders.



The photos at right show how the XDA Extra Deep Access Option provides significant Z axis clearance for a sample product (left) and the ability to perform wedge bonds deep within the recessed area of the sample (right).



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