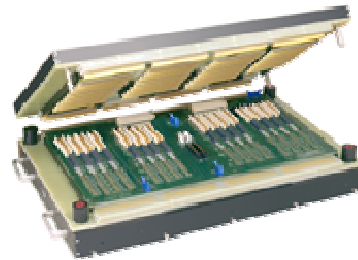




Model 402LV



High precision clam shell fixture



Model 401

# Testronics 400 Series Advanced Backplane Test System

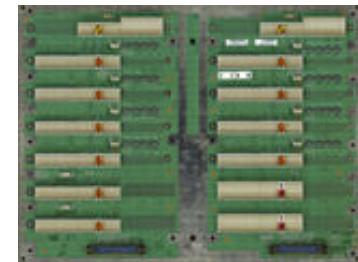
**Testronics**

1800 N. Glenville Drive, Suite 136, Richardson, Texas 75081  
Tel: (972) 542-3111 Fax: (972) 235-8062  
e-mail: [info@testronics.com](mailto:info@testronics.com) web site: [www.testronics.com](http://www.testronics.com)

Testronics is the leading supplier of high pin count / advanced backplane test systems

*A few users of Testronics backplane test systems:*

Sanmina	Foxconn	Flextronics
Celestica	Tyco	Amphenol
Molex	Jabil	CTS
Fujitsu	IBM	Centron (Wuspec)



Model 401 versus Model 402:



	<b>Testronics 401</b>	<b>Testronics 402</b>
Max test point count	20,480	40,960*
Max board size	32" x 24" (81cm x 61cm)	60" x 30" (152cm x 76cm)
Fixturing	Same (precision clamshell)	Same (precision clamshell)
Software	Same (Windows OS)	Same (Windows OS)
Electronics	Same (6 wire ICT)	Same (6 wire ICT)
Max grid modules	4 (5,120 points each)	8 (5,120 points each)

\* 61,440 point system available with special grid

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Model 402:



Model 402LV with fixture



Model 402HV (500 volt)

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### 400 Series Fixturing:

- High repeatability
- Top & bottom access
- High throughput, fast load / unload
- Interface grid pattern is the industry standard
- Customers can transfer their jobs from existing suppliers without re-fixturing
- Low cost fixturing services available in Asia
- Fixtures used on the model 401 can be transferred to the model 402
- Fixtures used on the 402 that are < 20k points can be transferred to the 401



### 400 Series Pop Up Grid Modules

- Each 5,120 point module is complete with electronics
- Easy access for servicing as modules extend up from the grid base
- In-Field expansion is accomplished by inserting grid modules



### Summary:



- Fastest test time: Can test a 20k point backplane in less than 2 minutes
- Test large, high pin count backplanes in one pass using only one fixture
- In-field expansion using drop in modules, (5,120 points each)
- Analog In-Circuit test capability with Vectorless measurements
- The ability to use / transfer existing 401 test fixtures and test programs
- Testronics is the expert in backplane test with a global installed base and in-country support

**...Lowest Risk Backplane Test Solution...**

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