



Automated test solutions for the entire product lifecycle



## extendedUTS

### APPLICATIONS

- Functional test operational standardization
- Comprehensive test of PCBAs, subassemblies and products
- Hardware in the loop test with analog and digital interfaces

### FEATURES

- Instrumentation versatility: PXI, RIO, boxed instruments, custom
- Custom Turnkey that leverages Bloomy-standard components
- Real-time and/or Windows operating systems
- Standardized power distribution and control
- Ergonomic human-machine interfaces
- Mass-interconnects from VPC: G12, G12x, G18, etc.
- 19" Racks sized to fit with ventilation, optional high voltage safety

### *functional test, maximized.*

Companies with efficient production and capital allocation recognize the value of standardizing test operations on hardware and software platforms optimized for their product mix and volume of production. Often, a lot of test equipment needs to be made available through a mass interconnect to allow swift change-over to each unit under test (UUT)'s unique test connections. Bloomy provides these customized universal test systems that leverage our standard componentry and approach of the UTS to the extended needs of sophisticated test departments. Working with you, we determine the right collection of instrumentation to meet your needs and apply our proven engineering and assembly process to produce high quality custom turnkey test systems, one-at-a-time or in quantity.

Do you also need to test each of the individual components?

Inquire about Bloomy's compactUTS, midUTS and UTS.

## UNIVERSAL TEST SYSTEM FAMILY

Scalability is essential for test engineering, but it applies differently for hardware and software. Some UUTs are pretty simple, some are very complex. Bloomy Controls' UTS systems span these needs with excellent instrumentation, switching and interconnect solutions. On the test software side, scalability means using a common software environment that adapts to the hardware it operates. Our Universal Test System software suite runs all the UTS variants, providing TestStand based test execution of LabVIEW instrumentation control routines. So for functional test of any scale, we've got you covered with proven products backed by decades of test experience.



COMPACT (cUTS)



MEDIUM (midUTS)



STANDARD (UTS)



EXTENDED (xUTS)

## xUTS EXAMPLE COMPONENTS



Call 860-298-9925 or visit  
[www.bloomy.com](http://www.bloomy.com)