

TECH NOTES - 99A Smaller Coupon

- **PerfectTest coupon gets smaller**
- **Footswitch is eliminated**
- **New probe has tougher, easier-to-replace pins**

The PerfectTest coupon has been redesigned to a significantly smaller size, as illustrated in this comparison.



New 99A coupon (.2" x 1.875")



Original 97A coupon (.24" x 2.380")

The PerfectTest probe has been redesigned, using smaller diameter, yet more durable spring-loaded pins. This change has allowed a reduction in the width of the coupon from .24" to .2", and length from 2.375" to 1.75". The probe spring pressures have also been decreased 20%, making it easier to use.

If a spring loaded probe pin is damaged, it is simply pulled out of its socket and a new pin is inserted. The new pins are inexpensive and very strong.

Instead of the footswitch, the new probe uses trigger pins in opposite corners of the probe to automatically collect data when the probe pins have been depressed .030". This eliminates the possibility of collecting erroneous data when the probe is unevenly pressed to the coupon, which sometimes occurred with the original probe and coupon. A button, located under the thumb position on the probe is then pressed to store the data and clear the screen for the next test.

Because of the change in the size of the coupon, the new 99A coupon can only be used with the new 99A probe or existing probes can be converted for use with the new coupons. PerfectTest Corporation can do this conversion in two days working time. Gerber plot files for the new coupons are available at no charge from PerfectTest Corporation.

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