

# Legacy

Instrumentation Replacement Solutions



*Making obsolescence a thing of the past*



# Replacement Solutions for Obsolete Instrumentation

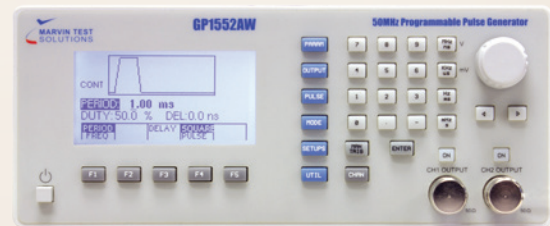
Equipment obsolescence is a major concern for both military and commercial test equipment users. Many mission-critical test systems currently in use were designed to remain in service for many years—sometimes even decades—using the most innovative technology of the time. However, as technology constantly evolves, newer, more advanced instrumentation and systems have taken the place of these legacy products. In fact, many of the older technologies are no longer in production so when components fail, they are not maintainable. This creates a dilemma for the engineers and managers tasked with maintaining the test systems that rely upon these legacy products.

Up until now, engineers selected one of four options to keep test systems up and running:

- Ongoing maintenance and repair of the legacy instrument
- Replacement via the secondary (used) market
- Replacement with new (similar) products using an external GPIB translator Test Module Adapter (TMA)
- Designing a new tester and re-hosting the test system software.

However, none of these options are ideal. Marvin Test Solutions' legacy replacement products offer a reliable, cost-effective replacement strategy, eliminating the need to adopt a compromised and imperfect replacement instrument solution.

HP8160A



MTS GP1552A SERIES



WAVETEK 859

# Form-Fit-Function Replacements



*The GP1552AH's 4U enclosure is a Form-Fit-Function replacement for the HP8160A*

*The GP1612H's 2U size is a Form-Fit-Function replacement for the HP8112*

Obsolete Product	Manufacturer	MTS Model Number
HP8160A	Hewlett-Packard	GP1552AH
HP8112	Hewlett-Packard	GP1612H
HP8116	Hewlett-Packard	GP1616H
HP8165A	Hewlett-Packard	GP1665H
175	Wavetek	GP1650W
178	Wavetek	GP1665W
859	Wavetek	GP1552AW

Marvin Test Solutions' line of GP15xx and GP16xx instrumentation provides form-fit-function drop in replacements for a broad range of GPIB pulse, arbitrary waveform and function generators that were manufactured by Wavetek and Hewlett-Packard. These products are the same physical size, provide the same specifications as the original instruments, and support the legacy instrument's original GPIB command set.

Both the GP15xx and GP16xx signal generators' firmware-based command sets are fully compatible with the OEM instruments's GPIB commands. Existing test software in your legacy test system does not need to be modified because these replacement products operate and respond exactly as the original instrument. The GP15xx and GP16xx products are the perfect solution when customers need to extend and maintain the life of their current test platforms and test programs.



