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Test Equipment Experts

Comparison of the PCMT 2000 to the PCMT 2600

The following is a comparison of the obsolete PCMT 2000 Conflict Monitor Tester to the current production PCMT 2600 model. ATSI or your local distributor will take the older PCMT 2000 in trade towards the purchase of the current PCMT 2600 Model. Contact ATSI or your local distributor for details and a quote.

The PCMT-2000 was first sold in February of 1992. We had to end support due to Microsoft's decision to quit supporting their MS-DOS operating system that the tester software was based on.

The PCMT-2600 has had many improvements over the PCMT-2000 model.

- ✓ The PCMT-2600 no longer requires the user to manually adjust the voltage during testing. It even does the brownout testing automatically, leaving the technician free to do other work instead of staying with the tester.
- ✓ The PCMT-2600 has added fuses and circuitry for the tester to further protect itself from damage caused by faulty conflict monitors. It will also detect external power issues that could cause damage and/or effect test results.
- ✓ The PCMT-2600 will incorporate our test for TS2 Port 1/SDLC testing when it becomes available in the late summer of 2008. The PCMT-2000 was never able to perform these tests.
- ✓ The PCMT-2600 software and firmware are updated to keep up with changing standards, new monitor types, etc. The PCMT-2000 software and firmware are no longer updated.
- ✓ We no longer calibrate the PCMT-2000. Testing monitors with a tester that is not calibrated leaves your agency open to Tort Liability issues.
- ✓ The PCMT-2600 is more resistant to incoming power fluctuations.
- ✓ The first PCMT-2000 was sold in 1992. As the electronic components age and regulations such as ROHS affect parts availability, service will eventually become impossible or at least impractical.

ATSI has no reseller affiliation with any conflict monitor manufacturer. We do not sell conflict monitors to keep us in the position of not having a bias towards any particular brand or model. The tester is designed to test to the current published standards. If a monitor does not pass the PCMT-2600 tests, then the monitor does not meet the current published standards.

If you have any questions, please contact us.

Thank You,

A handwritten signature in black ink, appearing to read 'Ben Hartley', written in a cursive style.

Ben Hartley
Sales Manager



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Comparison of the PCMT 2500 to the PCMT 2600

The following is a comparison of the obsolete PCMT 2500 Conflict Monitor Tester to the current production PCMT 2600 model. ATSI or your local distributor will take the older PCMT 2500 in trade towards the purchase of the current PCMT 2600 Model. Contact ATSI or your local distributor for details and a quote.

The PCMT-2600 has had many improvements over the PCMT-2500 model.

- ✓ The PCMT-2600 no longer requires the user to manually adjust the voltage during testing. It even does the brownout testing automatically, leaving the technician free to do other work instead of staying with the tester.
- ✓ The PCMT-2600 has added fuses and circuitry for the tester to further protect itself from damage caused by faulty conflict monitors. It will also detect external power issues that could cause damage and/or effect test results.
- ✓ The SLNK-3000 Port 1/SDLC tester for TS2 conflict monitors is not compatible with the PCMT-2500.
- ✓ Although we are still servicing and calibrating the PCMT-2500, we do not guarantee that new features in the future will work with the PCMT-2500. Also, the PCMT-2600 software and firmware are updated to keep up with changing standards, new monitor types, etc. The PCMT-2500 software and firmware are only updated when absolutely necessary or paid for by the customer.
- ✓ Currently, the calibration cost for the PCMT-2500 is \$45.00 higher than the PCMT-2600. As the PCMT-2500 gets older the price gap is likely to increase.
- ✓ The PCMT-2600 is more resistant to incoming power fluctuations.
- ✓ The first PCMT-2500 was sold in 2001. As the electronic components age and regulations such as ROHS affect parts availability, service will eventually become impossible or at least impractical.

ATSI has no reseller affiliation with any conflict monitor manufacturer. We do not sell conflict monitors to keep us in the position of not having a bias towards any particular brand or model. The tester is designed to test to the current published standards. If a monitor does not pass the PCMT-2600 tests, then the monitor does not meet the current published standards.

All things considered, the PCMT-2500 has served well in the past, but times and needs have changed. The PCMT-2600 is the tester that will provide reliable testing for years to come!

Sincerely,

A handwritten signature in black ink, appearing to read 'Ben Hartley', written in a cursive style.

Ben Hartley
Sales Manager



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Comparison of the US Traffic MT 180 to the PCMT 2600

The following is a comparison of the obsolete US Traffic MT 180 Conflict Monitor Tester to the current production PCMT 2600 model. ATSI or your local distributor will take the older US Traffic MT 180 in trade towards the purchase of the current PCMT 2600 Model. Contact ATSI or your local distributor for details and a quote.

The PCMT-2600 has many advantages over the MT-180:

- ✓ PCMT-2600 software is Windows based. This makes the tester user friendly.
- ✓ ATSI is not affiliated with any monitor manufacturer. We are an independent company.
- ✓ PCMT-2600 test reports are saved to your computer hard drive. This makes storage convenient and makes reproducing a report generated in the past a quick and easy task.
- ✓ Every major conflict monitor manufacturer uses the PCMT to certify their monitors are functioning correctly prior to it leaving their factory including **US Traffic**.
- ✓ The PCMT-2600 software and firmware updates can be downloaded from our web site for free.
- ✓ ATSI offers customer service that is second to none.
- ✓ PCMT-2600 can test any monitor currently being manufactured. This includes the MMU for NEMA TS2 and the 2010 conflict monitor for the 2070 spec.
- ✓ The PCMT-2600 is housed in a rack mount enclosure that can be used on the bench, in a rack, or in a carrying case for field use. The carrying case can also house the laptop used to run the PCMT.
- ✓ The PCMT-2600 has the ability to run in diagnostic mode repeating individual tests to troubleshoot intermittent problems.
- ✓ The PCMT-2600 uses a True-RMS voltage measuring system.
- ✓ The PCMT-2600 uses the date and time from the computer so there are no issues with a clock circuit malfunctioning (it is important to have the correct date and time on your test reports).
- ✓ The PCMT-2600 allows you to save a particular test set up. For example, if you want to run the same groups of tests on every EDI 210E conflict monitor you can select your test groups and save them. The next time you want to test an EDI 210E all you need to do is select the test group you saved and the tester will run the same groups of tests.

- ✓ The PCMT-2600 has the ability to run Red positive and negative half wave tests as required by the NEMA TS2 and 2010 standards.
- ✓ The PCMT-2600 allows for the front panel indicators on the conflict monitor to be tested (MT-180 does not).
- ✓ Entering the make, model , serial number, location, and tested by information is easier because you are using a keyboard instead of a 10 button keypad. The PCMT-2600 also provides a comment field that is printed on the test report that can be used for any notes associated with that particular test.
- ✓ Multiple PCMT-2600 units can be ran off of a single computer.
- ✓ The PCMT-2600 has a stepper motor that adjusts the voltage. No user adjustment is required. It will run the brownout or low-line tests automatically and will compensate for variances in voltage fluctuations.
- ✓ The following states have specified the PCMT series of conflict monitor testers as the preferred tester: OH, IN, MI, MO, WY, KY, NC, AL, MD, DE, WA, OR, UT, SC, ID, VA, AND TX.

All things considered, the PCMT-2600 is the tester that will provide reliable testing for years to come!

Sincerely,



Ben Hartley
Sales Manager