AEMC® INSTRUMENTS
CHAUVIN ARNOUX GROUP
Chauvin Arnoux®, Inc.
15 Faraday Drive • Dover, NH 03820 • (800) 343-1391 • (603) 749-6434 • www.aemc.com

MICRO-OHMMETER MODELS 6240 / 6255 / 6250
Verification via a ZERO Test

When you suspect that your micro-ohmmeter is not working properly and in need of repair, there's a quick field check you can do to verify if the meter itself can measure 0-Ohms.

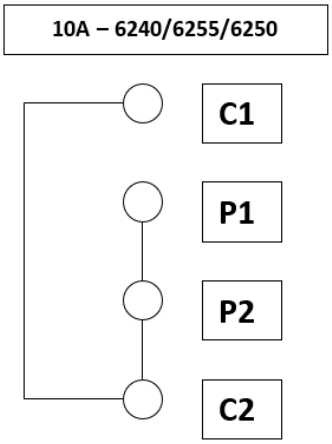
We recommend performing a ZERO test on the meter in the field before sending it in for repair. The ZERO test will verify the meter's operation with no leads connected.

Follow these steps:

1 Using a bare piece of wire, connect the meter's terminals as shown (at right):

2. Set meter to highest current (10 A) and lowest measurement range possible.

3. Press **START** to execute a test. The meter should read a very low value, close to **0 Ω.**



NOTE: There is no physical connection between C1 and P1.

Successful Test Results:
6255/6250 = 0.0000 mΩ or very close to this value
6240 = < 1 µΩ

Error Indications – 6255 / 6250 on Display during ZERO Test:
Error 11 = C1 and/or C2 not properly connected or broken
Error 12 = P1 not properly connected or broken
Error 13 = P2 not properly connected or broken

Error Indications - 6240 on Display during ZERO Test:
- - - - = C1 and/or C2 not properly connected or broken
~20 µΩ = P1 not properly connected or broken
>4000 µΩ = P2 not properly connected or broken

If you have any questions, contact AEMC® Technical Support at 1-800-343-1391 x351 or email techsupport@aemc.com.

Please visit and subscribe to our YouTube™ channel for informative videos on our products and software.

www.youtube.com/user/AEMCinstruments