

## Signametrics

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### SMX2064 LCR DMM

The 7-1/2 digit SMX2064 is the workhorse of DMMs. It has more measurement and sourcing capabilities than any other DMM on the market. It does it fast and accurately. It is very simple to interface to, and unlike other products on the market, it does not lock you in to specific S/W packages. It can be controlled by Excel, LabView, C++, and hundreds of other packages. In addition to the standard DMM measurements, it measures capacitance, inductance, frequency, time, leakage etc. It can source and measure DCV, ACV, and DCI. It can generate sine waves and pulses. With the SMX2064 in the system, you can eliminate several other instruments, shrink the system and significantly reduce overall cost.

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### FEATURES:

- VDC 100nV to 330V, VAC 1uV to 300V, IDC 1pA to 2.4A, IAC 10uA to 2.4A, 2W and 4W resistance 100u to 10G
- Fast inductance from 100nH to 3H with variable frequency, adjustable speed down to below 1s and includes Q test
- Leakage down to 1pA with programmable test voltage settable to  $\pm 10V$
- Two resistance measurement function with high driver current and can measure 0.1mOhm to 10GOhm
- 6-wire guarded measurement for in-circuit component measurements with force of up to 20mA
- Fast capacitance measurements down to 0.1pF and 8ms measurement time and measures with load down to 2000hm

For more information, contact: [michal@signametrics.com](mailto:michal@signametrics.com)

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