

**Solar cells**

**Power curve**

**Impedance**

**Mott Schottky**

**Our new ModuLab MTS** is a modular, integrated, software controlled system for testing the electrical properties of a wide range of photovoltaic materials.

- Time domain techniques include I-V, efficiency, fill factor, power curves
- Impedance techniques include C-V, capacitance, admittance, Mott-Schottky
- Wide voltage range  $\pm 100$  V
- Current from fA to Amps
- Accurate high impedance results using sample / reference techniques
- Temperature control from 5K to 600K

Stacks of apps.

Cards on the table: simply the best for **photovoltaic** materials test...



The **ModuLab MTS** materials test system offers unique capabilities for your research into the electrical properties of photovoltaic (and other) materials with its integrated time domain, impedance (AC) and temperature control techniques. Contact Solartron today to find out more.



[www.solartronanalytical.com/materials](http://www.solartronanalytical.com/materials)

US: Tel: 1-865-425-1360  
 UK: Tel: +44 (0)1252 556800  
[solartron.info@ametek.com](mailto:solartron.info@ametek.com)

H	Li	Na	K	Rb	Cs	Fr	He
Be	Mg	Mg	Ca	Sr	Ba	Ra	Ne
B	Al	Si	Sc	Y	La	Ac	Ar
C	Si	Ge	Ti	Zr	Hf	Rf	Ne
N	P	As	V	Nb	Ta	Db	Ar
O	S	Se	Cr	Mo	W	Sg	Ne
F	Cl	Br	Mn	Tc	Re	Bh	Ar
Ne	Ar	Kr	Fe	Ru	Os	Hs	Ne
			Co	Rh	Ir	Mt	Ar
			Ni	Pd	Pt	Ds	Ar
			Cu	Ag	Au	Rg	Ar
			Zn	Cd	Hg	Cn	Ar
			Ga	In	Tl	Uut	Ar
			Ge	Sn	Pb	Uuq	Ar
			As	Sb	Bi	Uup	Ar
			Se	Te	Po	Uuh	Ar
			Br	I	At	Uus	Ar
			Kr	Xe	Rn	Uuo	Ar

# Now Invent.™

antiballistic ceramics  
 quantum dots  
 platinum ink  
 99.999% ruthenium spheres  
 germanium windows  
 laser crystals  
 spintronics  
 gallium arsenide  
 yttrium foil  
 optoelectronics  
 super alloys  
 vanadium  
 CIGS  
 solar ener  
 cathode  
 mischmet  
 battery lith  
 ovskite  
 dium spong  
 strontium doped lanthanum  
 organo-r  
 III-IV nitride materials  
 tantalum alloys  
 cerium polishing powder  
 atomic layer deposition  
 iridium crucible  
 green technology  
 scandium-aluminum  
 space ultra-light alloys  
 erbium  
 single crystal  
 semicondu  
 cobalt  
 thin film  
 metamaterials  
 dysynthetics  
 erbium  
 cones  
 superconduc  
 buckey ba  
 tantalum  
 macromole  
 europium ph



The World's Manufacturer of  
 Engineered & Advanced Materials

photovoltaics  
 Nd:YAG  
 catalog: [americanelements.com](http://americanelements.com)

shape memory alloys

© 2001-2011. American Elements is a U.S. Registered Trademark.

