



# Materials Development (Corp.) S.A.

15, rue du Pré-de-la-Fontaine  
1242 Satigny / Geneva  
Switzerland

Telephone: +4122 879 88 00  
Fax: +4122 879 88 08  
[info@mdc-europe.com](mailto:info@mdc-europe.com)  
<http://www.mdc-europe.com>

## OPTIONAL EQUIPMENT.

### 1) REFERENCE WAFER RW10

FOR C-V SYSTEM VERIFICATION



The MDC Model RW10 Reference Wafer combines capacitors, resistors, MOS devices, and a junction device in a wafer-like configuration. The RW10 enables the rapid verification of operation for capacitance-voltage and current-voltage instrumentation. This convenient reference wafer can be placed on a hot chuck system or prober and measured in place of a regular wafer. It can easily help check the integrity of the entire measurement system including all cables, multiplexers, and probe system components. The MDC RW10 can quickly isolate problems caused by bad probes, defective cables, improper grounding, or faulty meters. A calibration certificate accompanies the RW10 Reference Wafer. The certificate includes all capacitance and

resistance values and capacitance-voltage plots of the MOS and junction devices. This 100 mm (4 inch) diameter RW10 device includes contact pads for the following components:

- Open Circuit
- Short Circuit
- 10 pF Capacitor
- 100 pF Capacitor
- 1,000 pF Capacitor
- 1,000 pF Capacitor + 160 ohm Resistor
- 1 Mohm Resistor
- 1,000 Mohm R
- PN Junction
- n-MOS Capacitor
- p-MOS Capacitor

### 2) MERCURY SPILL KIT

The spill kit includes

- 500g Elemental Mercury Absorber Powder
- 8 Mercury Absorber Sponges
- Hand Operated Vacuum Aspirator
- Scoop, Gloves, Pair Safety Glasses
- Recovery Bags
- Wash Bottle & Disposal Bottle Label
- Metal Case

For any questions, please contact us:

**MDC SA, Geneva**  
Ph. +4122 879 88 00  
[info@mdc-europe.com](mailto:info@mdc-europe.com)