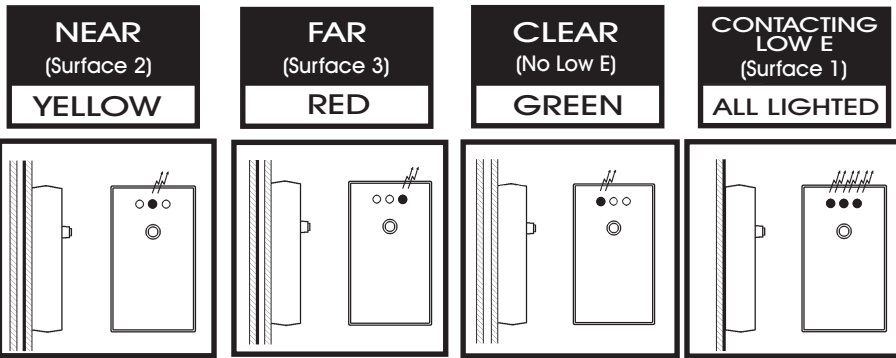


"ETEKT+" DUAL PANE LOW E COATING DETECTOR (MODEL# AE1600)



THE LOW-E COATING IS ON THE NEAR PANE

THE LOW-E COATING IS ON THE FAR PANE

THE WINDOW IS CLEAR OF ANY LOW-E COATING

THE ETEKT+ IS CONTACTING THE LOW-E COATED SURFACE

BATTERY REPLACEMENT

The CM1030 is powered by a 9 volt battery. To test the battery voltage, simply push the Battery Test button on the front of the meter. If the indicator lights, the battery voltage is sufficient to operate the meter. If the indicator appears dim, you may choose to replace the battery. To replace the battery, remove the battery cover near the bottom of the meter and replace with a new battery. Alkaline batteries will provide the longest service, but are not required for this product.

CM1030 WARRANTY

The manufacturer warrants all models of the CM1030 to be free from defects in material and workmanship under normal use and service as specified within the operator's manual. The manufacturer shall repair or replace the unit within ninety (90) days from the original date of shipment after the unit is returned to the manufacturers factory, prepaid by the user, and the unit is disclosed to the manufacturers satisfaction, to be thus defective. This warranty shall not apply to any unit that has been repaired or altered other than by the manufacturer. The aforementioned provisions do not extend the original warranty period of the unit which has been repaired or replaced by the manufacturer. Batteries are not covered by warranty.

EDTM, Inc. assumes no liability for the consequential damages of any kind through the use or misuse of the CM1030 product by the purchaser or others. No other obligations or liabilities are expressed or implied. All damage or liability claims will be limited to an amount equal to the sale price of the CM1030.

LOW E CONTACT METER

MODEL #CM1030

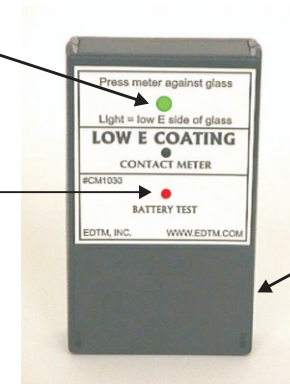
GENERAL DESCRIPTION:

The CM1030 is a simple instrument that detects any conductive surface, including Low E coatings on single sheets of glass. The low-cost tester has 4 non-scratch pads on the back-side of the meter that allow you to test for conductive coatings (VIA CONTINUITY). Simply press the meter against a piece of glass to determine if the surface you are touching contains any conductive (Low E) coatings.

EASY-TO-READ INDICATOR

SIMPLE BATTERY-TEST PUSH-BUTTON

CONVENIENT BATTERY REPLACEMENT



FEATURES:

- 4 NON-SCRATCH PADS ON THE BACK OF METER
- HARD COAT OR SOFT COAT LOW E APPLICATIONS
- ULTRA-SENSITIVE CIRCUITRY
- SIMPLE BATTERY TEST
- NO ADJUSTMENTS OR CALIBRATIONS NECESSARY
- SMALL, PORTABLE CONVENIENT SIZE

OPERATING THE METER

The back-side of the meter contains four (4) non-scratch nickel-plated pads. These pads are used to contact the coating or glass substrate that is being tested. To operate the meter, simply press the back side of the meter firmly against the glass. The four pads should directly contact the glass substrate being tested. If you are touching the conductive Low E coating, the indicator will light to signal the coating is on the top surface.

If the meter does not detect a conductive coating (LOW E), then flip the piece of glass over and take another reading. If the indicator does not light on either side of the glass, the glass is clear glass without any conductive coatings (NO LOW E)

Do NOT slide the meter around the glass, as this could potentially leave streaks on the glass substrate. Simply apply a firm pressure on the meter, and it will identify the presence of conductive coatings. If the glass is covered with a powder separator, it may be necessary to take several readings to confirm the pads are contacting the glass directly, and not being insulated from the glass by the powder separator. It is recommended that you clear the powder from a section of the glass before taking a reading.

Do NOT push the "Battery Test" push-button while taking a reading. The Battery Test button will automatically turn on the indicator. This button should only be pushed when the user wants to test the strength of the battery.

The meter is powered by a 9 volt battery inside the battery compartment. Do NOT apply any external voltage sources to the pads of the meter, as this will damage the electronics.



01/2001 cm1030/opman02.cdr

APPLICATIONS

The CM1030 is a simple instrument that detects any conductive surface, including Low E coatings on single sheets of glass.

The meter has a unique design that allows you to easily test hard coat (pyrolytic) or soft coat (sputter) Low E coatings. Because of the ultra-sensitive design, the meter is even capable of detecting most coatings that are protected by a thin protective dielectric coating.

The CM1030 is the ideal product for the manufacturing environment. For production environments where hand-held products tend to disappear and get abused, the low cost CM1030 is a great addition. Due to the simplicity of the meter, production personnel do not require extensive training to understand the meters indication.

The CM1030 is great for identifying the orientation of the Low E glass as it is being placed into the washers or assembled into insulating glass assemblies. It also can be valuable in edge deletion applications, where the operator must confirm the Low E side of the glass. All Low E handlers in the production environment should be equipped with this low cost assistant.

Because of its professional appearance and low price, the CM1030 provides a GREAT sales aid to be distributed to your customers. Help your customers reduce their mistakes in handling Low E glass. Private labeling is available for this product. Contact EDTM for information.

TESTING SEALED INSULATING UNITS

The CM1030 must physically come into contact with the conductive (Low E) coating in order to detect it (continuity measurement). Therefore the CM1030 can NOT be used to test IG units that have already been assembled. For applications where you are working with sealed insulating glass (IG) units, upgrade to the "ETEKT+" Low E Coating Detector (EDTM Model# AE1600). For sealed insulating units, the AE1600 can take measurements without physically touching the conductive coating. This offers a tremendous advantage if a sealed IG unit must be tested for the invisible Low E coating, either in the factory or in the field.

- **Hard coat or soft coat Low E applications**
- **Reduce costly mistakes in manufacturing**
- **Identify Low E in production easily**
- **Ultra-sensitive design detects ALL conductive coatings**
- **Non-scratch pads protect Low E**
- **Equip ALL production personnel with this LOW-COST tester**