

# Electrode for Insulation Materials

For Dielectric Loss tangent and insulation resistance.

## DAC-OBE-7 for Solid materials

This electrode, DAC-OBE-7 is designed for the measurement of the dielectric constant, dielectric loss tangent, and insulation resistance of insulating paper, plastic films, and others either according to JIS C2111 or in an insulating oil environment. Made of stainless steel, DAC-OBE-7, it can be filled with or sunk in insulating oils to be applied with high voltages. Moreover, heat-resistant designs are introduced at Maximum 120 degree C.

### Specifications:

Electrode

Main : 65 mm in diameter

Guard : 67 mm in diameter

High Voltage : 84 mm in diameter

Material: Stainless Steel

Testing Voltage : Max 10kV

Max. 1kV or more; where a cylinder of the electrode is filled with insulating oils.

Max. 5kV or more; where the electrode is totally sunk in insulating oils.

Testing Temperature : Max. 120 degree C.

Capacity of the cylinder : 350cc approx.



## DAC-OBE-8 for Sheet Materials, JIS-K6911

This electrode, DAC-OBE-8 is designed for the measurement of the dielectric constant, dielectric loss tangent, and insulation resistance of insulating paper, plastic films, and others either according to JIS K6911.



### Specifications:

Electrode

Main : 78 mm in diameter

Guard : 80 mm in diameter

High Voltage : 100 mm in diameter

Material: Stainless Steel

Testing Voltage : Max 1kV

A safety limit switch is provided. (Example: Testing voltage can be shut down whenever an upper lid is opened for safety features. Or, as long as the lid is not closed, testing voltages cannot be applied.)



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