

High Ohm Liquid Electrode FSE 3704

for measuring volume resistivities of liquid electric insulating materials according to standards DIN EN 60247 and GOST 6581-75



The liquid electrode FSE 3704 is suitable for measuring of volume resistivity of liquid electric insulating materials according to standards DIN EN 60247 and GOST 6581-75. The electrode corresponds to the structure represented in these standards.

A precise measuring is possible in connection with the measuring instruments Milli-TO 3 and TO 3 in high ohm area.

The electrode can easily be taken to pieces into the component parts represented below for the cleaning.

- ▶ high grade steel quality (V2A)
- ▶ idle capacity between inside and the outside electrode: ca. 60 pF
- ▶ cell constant: 6.8
- ▶ liquid capacity: approx. 45 cm³
- ▶ temperature stability: 250 °C
- ▶ max. test voltage: 500 V
- ▶ recommended measuring range:
 - at 1 V test voltage: 10³ to 10¹³ Ohm
 - at 100 V test voltage: 10⁵ to 10¹⁵ Ohm
 - at 500 V test voltage: 10⁶ to 10¹⁵ Ohm

