

1J1022 Liquid Fixture



The 1J1022 Liquid Fixture is used to make accurate dielectric constant and impedance measurements of liquid materials. When used with a Wayne Kerr 6500 analyzer then the 1J1002 4-2 BNC Converter (available separately) must also be used.

The relative permittivity ϵ_r can be calculated from the ratio of the capacitance of the Liquid Under Test to that of air using standard equations.

Suitable models

6500B series Precision Impedance Analyzer
6500P series HF LCR Meter

Specification

Measurement Frequency:	20 Hz to 30 MHz
Necessary Liquid Volume:	3 ml
Prohibited Liquids:	Acid oxidants and salt oxidants