



## 6500 Fixture

### 1J1020 6500 Dielectric Material Fixture



The 1020 Dielectric Material Fixture is designed to be used with the 6500B series of Precision Impedance Analyzer and 6500P series of HF LCR Meters up to a maximum frequency of 30 MHz. When used with the 6500 /K Materials Test firmware option it allows the permittivity of the Material Under Test (MUT) to be calculated automatically.

It allows both the Contacting Electrode and the Non-contacting Electrode Methods to be used.

The distance between the electrodes of the 1020 Fixture is measured and adjusted using the micrometer which is incorporated into the Fixture.

#### Specification

Frequency:	20 Hz to 30 MHz
Disc MUT diameter:	38 mm minimum
MUT thickness:	15 mm maximum
Transfer Standards (supplied):	100 Ω