

# 3GHz

## High Frequency Measurement.

## Test 6 Different SMD Sizes.



### 2 Device Guides Let You Measure 6 Different SMD Sizes

Device Guide



for 0201



for 0402 to 1210



### Exclusively for the IM7580 series SMD TEST FIXTURE

#### Supported SMD Sizes (EIA)

0201, 0402, 0603, 0805, 1206, 1210

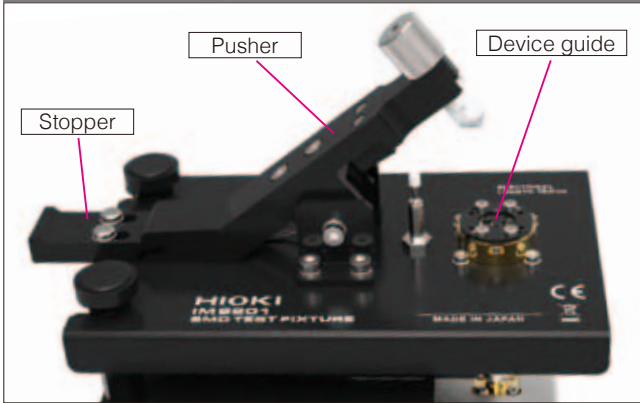
#### Compatible Hioki Impedance Analyzers

IM7580, IM7580A, IM7581, IM7583, IM7585, IM7587\*

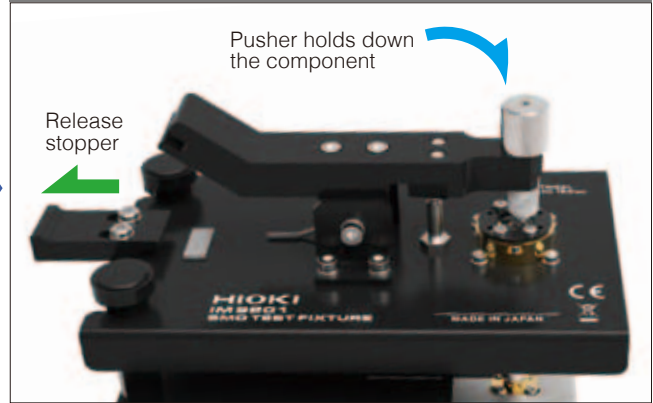
\*3GHz measurement frequency impedance analyzer available soon

# All-in-One Fixture for 6 SMD Sizes - Definitive 3GHz High Frequency Analysis Made Easy

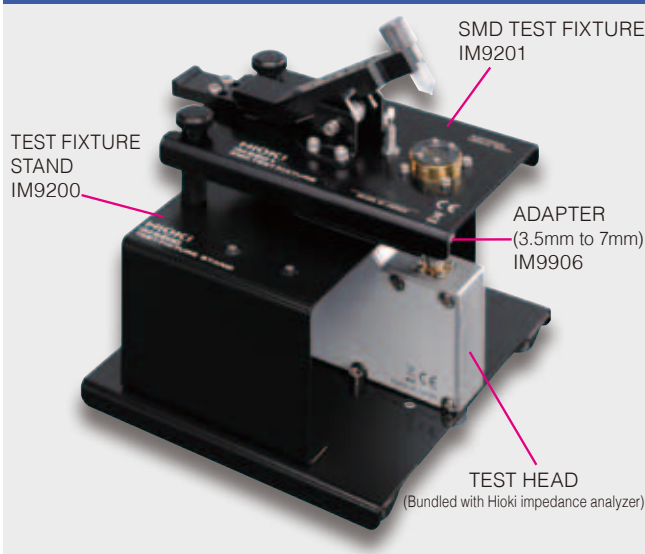
1. Install the device guide and position the component



2. Release the stopper and anchor the pusher to secure the component



## Complete SMD Test Fixture Setup



## Specifications

Frequency range	DC to 3 GHz
Compatible package sizes (EIA)	0201, 0402, 0603, 0805, 1206, 1210
Electrode structure	Bottom electrodes
Maximum voltage	±42 V <sub>peak</sub> (AC+DC)
Additional uncertainty	Impedance : ±Z <sub>e</sub> [%]
	Phase : ±0.58 × Z <sub>e</sub> [°]
	Z <sub>e</sub> = Ae + (Z <sub>se</sub> / Z <sub>x</sub> + Y <sub>oe</sub> × Z <sub>x</sub> ) × 100
	Z <sub>x</sub> : Measured impedance value [Ω]
	Ae : 4 × f <sup>2</sup> [%]
	Z <sub>se</sub> : (100 + 500 × f) / 1000 [Ω]
	Y <sub>oe</sub> : (10 + 100 × f) / 1000000 [S]
	f [GHz]

## Product / Order code

Product name	Order code
SMD TEST FIXTURE IM9201	IM9201
TEST FIXTURE STAND IM9200	IM9200
ADAPTER(3.5 mm to 7 mm) IM9906	IM9906

## Instrument



SMD TEST FIXTURE IM9201

## Options

The following provisions are required when using the test fixture with the Hioki IM7580 series.



TEST FIXTURE STAND IM9200 (includes magnifying glass)



ADAPTER (3.5 mm to 7 mm) IM9906

Available soon • CALIBRATION KIT IM9905

For more information regarding the use of the Calibration Kit with the test fixture, please contact your local Hioki distributor.

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