

**Accessory for Digital Oscilloscopes DL1700E Series, DL7400 Series
500 MHz band Miniature passive probe**

701941

This 701941 miniature passive probe is designed for user's safety and excellent easy-to-use operability. Using with the DL1700E and DL7400 series the system bandwidth of 500MHz can be realized.

The 701941 also features a small probe head and a complete set of accessories enabling targeted and safe measurements of signals in high density integrated PCBs and items under test of various configurations and under various conditions.

You can choose this miniature passive probe to be included with the DL1700E/DL7400 series instruments at the time of shipping instead of the model 700988 passive probe.



500 MHz band Miniature passive probe (701941)

Accessories(11 items)

- Insulation cap
- IC cap
- BNC adapter
- Rigid tip
- Spring tip (: 0.80 mm)
- Spring tip (: 0.38 mm)
- Ground spring • Adjustment tool
- Pincher tip
- Standard ground lead
- Color coding rings



Accessories



<Example of measurement with the Ground spring>

The probe tip utilizes a spring mechanism to minimize the stress applied to a device to be inspected.



<Example of measurement with the BNC adapter>



<Example of measurement with Dual adapter lead* and the Micro clip*>

*:Sold separately
A wide variety of optional accessories is available upon request.

Electrical Specifications

Attenuation Ratio*:	10 ÷ 1 ±2%
Voltage Coefficient:	0.0025%/V (typical value)
System Bandwidth:	500 MHz (-3 dB)
Probe Rise Time:	< 700 ps (10% to 90%)
Maximum Input Voltage:	400 Vrms

*: This specification value is obtained when the probe is connected to an oscilloscope having an input resistance of 1 MΩ ± 1% and the input voltage is 100 V or less.

Electrical Characteristics

Input Resistance (system):	10 MΩ±2%
Input Capacitance (system):	10 pF (typical value)
Compensation Range:	10 pF to 25 pF (typical value)

Mechanical Characteristics

Weight (probe only):	Approximately 43 g
Cable Length:	Approximately 1.2 m