

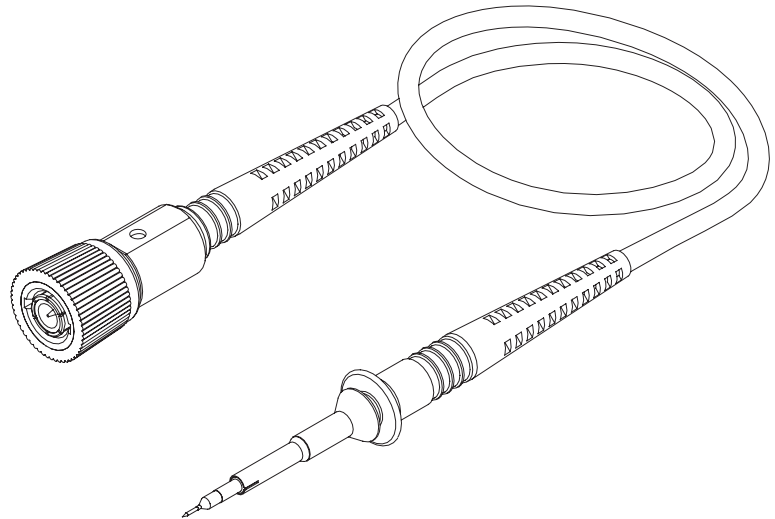


PML 721-RO

High impedance passive probe

Features:

- 2.5 mm diameter tip
- CeramCore™ hybrid probe
- Coaxial design
- Interchangeable spring contact tip
- New IC contacting system for 0.5 to 1.27 mm pitch



PMK introduces a new universal 20:1 miniature probe for oscilloscopes with up to 500 MHz bandwidth. As all PMK probes the PML 721A-RO features CeramCore™ technology. The entire probe core is made of a high quality ceramic hybrid. Pure coaxial design and laser trimmed resistors ensure highest signal fidelity along the signal path offering high bandwidth and fast risetimes for accurate impulse measurements. With a maximum input voltage of 300 V CAT II this divider is equally suitable in service and development environments. The new probe is also available with read-out BNC connector to be automatically recognised as 20:1 divider by scopes that feature a sense ring to detect probe attenuation such as Agilent, LeCroy or Tektronix.

The compact design of this new probe with its 2.5 mm housing diameter at the tip provides better visibility to the DUT (device under test) in dense SMT circuits than conventional 5 mm housings. Due to the remarkably low input capacitance the signal source is only loaded by 5.6 pF. Less load to the measurement circuit can only be achieved with active probes. Especially when measuring signals with fast rise times often the probe's adaption to the source signal plays an important role. Long ground leads found on most conventional adaptations bring additional inductance and resonances into the setup which will result in false or inaccurate readings. The new IC contacting system consisting of five different IC adapters ranging from 1.27 to 0.5 mm pitch and the PCB adapter kit offer an ideal solution for short circuit-proof, reproducible measurements. As you would expect the probe is shipped with PMKs signature spring-loaded tips. In total there are 16 different accessories included in the scope of delivery with the new PML 721A offering adaptive solutions for almost every probing demand.

Thank you for your interest in our product!