

12Pt400B or 12Pt400A

The 12Pt400B is RMN's probe with the lowest spring constant. It is most useful for contact AFM measurements with minimum contact force. These probes are ideal for C-AFM, SCM, SMM and SMIM applications. The 12Pt400A is the preferred probe for Keysight (Agilent) SMM applications.

- Tip shank length: 80 μm ($\pm 25\%$)
- Cantilever length: 400 μm ($\pm 15\%$)
- Cantilever width: 60 μm ($\pm 15\%$)
- Spring constant: 0.3 N/m ($\pm 40\%$)
- Frequency: 4.5 kHz ($\pm 30\%$)
- Standard tip radii below 20 nm for \$90 each
- Tip radii below 10 nm on request for \$112 each 12Pt400B-10
- Non - standard probe tips and cantilevers upon request