



FIG. 4.2 Cross-sectional view of a heat-sink scheme for larger probes (less than about 2 cm diameter) where there is enough room to screw copper posts to the sample platform. The instrumentation leads are first twisted in pairs to minimize sensitivity to induced voltages and then noninductively wound onto the heat-sink posts (see Fig. 4.4 and the accompanying tip). Finally, they are cemented in place with varnish or epoxy.