



FIG. 7.3 Tubular sample mount for measuring coiled conductors in the small bore of a high-field solenoidal magnet. For testing in a liquid cryogen, the middle section does not have to be made from a high-conductivity material, and it can be chosen to match the thermal contraction of the sample. For testing in vapor, the middle section is usually made of copper to provide temperature uniformity along the sample.