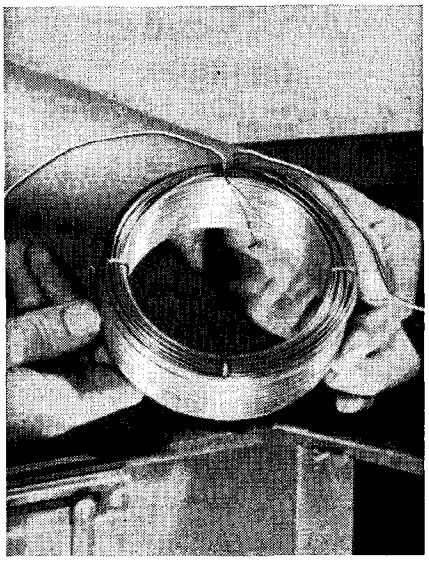
Tomorrow's tubing technology—today



Photograph courtesy Barber-Coleman Company

For precise partitioning use gas chromatography tubing by Superior

The reason is a composite of many outstanding advantages: desirable inner surface, uniform bore and size, good corrosion resistance, ease in fabricating and bending; also good heat resisting characteristics and the ability to receive a wide variety of coatings.

We offer tubing for gas chromatography columns in Types 304, 316, 321 and 347 stainless steels and in 30% cupronickel. We make this tubing for capillary (1/16 in. OD x .010, .016 and .020 in. ID), miniature (.020 in. OD x .010 in. ID, .028 in. OD x .016 in. ID, and .032 in. OD x .020 in. ID) and packed columns (1/4 in. OD x 3/16 in. ID). We supply it in long lengths.

For other small-diameter tubing applications, we produce more than 120 analyses in sizes from .010 to 5/8 in. OD in quantities from 50 to over 1,000,000 ft. Superior Tube Company, 2504 Germantown Ave., Norristown, Pa.

For details on tubing for gas chromatography write for Bulletin 110

Superior Tube

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NORRISTOWN, PA.

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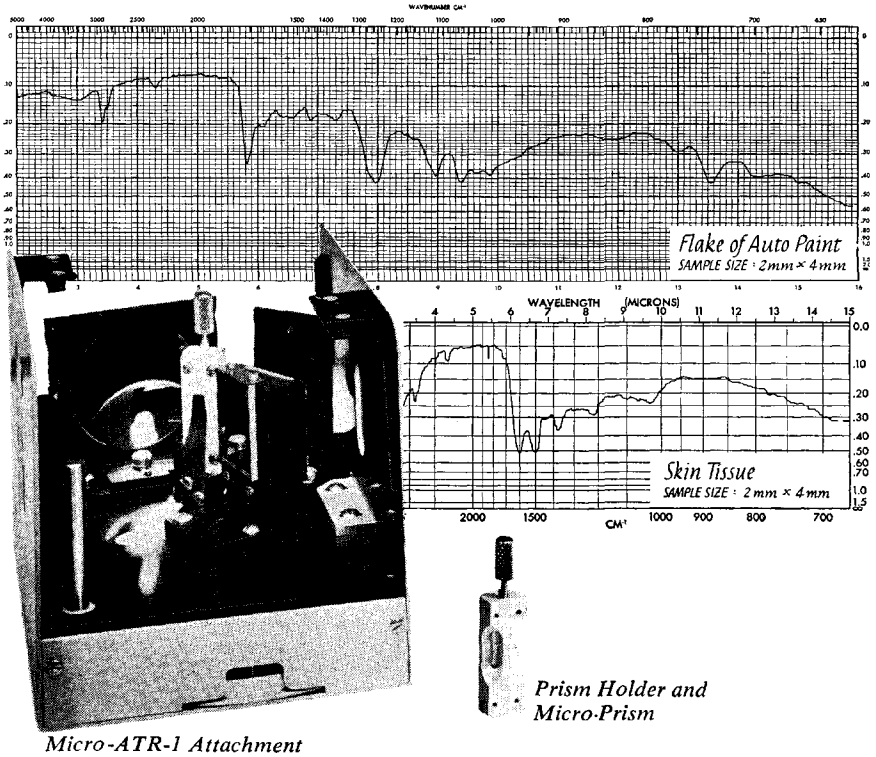


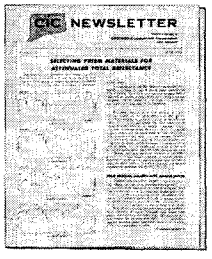
Micro-ATR-1 Attachment

Prism Holder and Micro-Prism

New Micro-ATR Attachment for Analysis of Small Samples

Attenuated Total Reflectance, a new infrared sampling technique, has been finding increased application in the infrared laboratory. The new technique permits the direct infrared analysis of such difficult samples as solids, coatings, dense liquids, plastics and the like, without special sample preparation. Now, the Micro-Attenuated Total Reflectance Attachment makes it possible to obtain spectra on minute samples — such as chemical residue, strands of fiber, and even tiny fragments of tissue as small as 1 mm wide by 4 mm long.

The Micro-ATR Attachment is precision-made and ruggedly constructed so that adjustments are constant over long periods of time — permitting excellent reproducibility. The use of special condensing mirrors results in a 3 to 1 image reduction and little loss in total energy. The Micro-ATR sampling approach greatly simplifies the problem of contacting a sample to a reflecting surface, because contact is required only over a very small area. The Micro-ATR Attachment can be installed quickly on most infrared spectrophotometers. If this piece of equipment is of interest to you, we will be glad to send you additional information.



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