

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

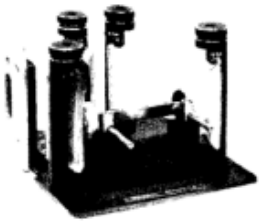
Visit our website - *Click HERE*

INFRARED ACCESSORIES

Gas

Several sample cells with a choice of pathlengths permit a wide variety of gases to be analyzed.

Micro Gas Cell



The Model 49 consists of a gold-plated light pipe, 6 cm long with a path-to-volume ratio of 10, mounted on a focusing system. KBr windows are standard and filling ports are included.

1 Meter Cell



This 350 cc volume cell features an adjustable pathlength of 50 cm or 1 meter. The Teflon-coated aluminum body contains gold-coated glass mirrors and two KBr, AgCl, or NaCl windows and will withstand pressures from vacuum to one atmosphere.

20 Meter Cell

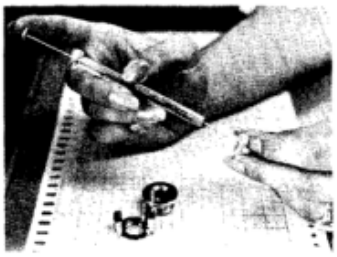


As with all the Wilks long path gas cells, the 20 meter variable pathlength cell is designed to mount on most commercially-available infrared spectrophotometers. It is externally adjustable from 3/4 to 20 meters pathlength, uses gold-coated mirrors, and is pressure tight from high vacuum to 10 atmospheres.

Liquid

Wilks offers a wide variety of techniques to perform infrared analysis of liquids.

Micro Cells



For handling small liquid samples, the Wilks Sealed Ultra-Micro Cells offer the spectroscopist a wide choice of materials and volumes. The cell is constructed of two 13 mm discs cemented to a spacer and can provide sample volumes between 0.17 and 2.28 μl.

PS Cells



Wilks Precision Sealed infrared absorption cells are available in seven different pathlengths and eight different window materials. Quality construction, ease of use, and low cost make the P.S. cell ideal for most liquid applications.

Flow Thru Cell

Continuous flow-thru liquid analysis can be performed with almost any spectrophotometer using the Wilks Flow-Thru Cell. Standard P.S. cells are used in a special stainless steel holder with Teflon inlet and outlet tubes. Designed to fit in a standard spectrophotometer cell holder, liquid analysis can be performed at pathlengths from 0.1 to 1 mm.

Solid

Multiple internal reflection spectroscopy (MIR) is useful for analysis of solid materials.

ATR Attachments

Wilks offers four MIR attachments so that internal reflection spectroscopy can be performed on most laboratory spectrophotometers. They include the Model 9, a single beam attachment;



Model 10, an advanced accessory specifically designed for use with center focal point instruments; Model 12, a double beam MIR accessory; and Model 50, a true variable angle internal reflection attachment. Wilks also makes a Model 9SA specially designed for skin analysis—used *in situ* pressed against the skin or to pick up skin excretions.

MIR Crystals



A wide variety of internal reflection crystals are available. Several different sizes—including an economical micro crystal—are produced in KRS-5, germanium, and ZnSe; and a few sizes are made in silicon. The ZnSe crystals are vacuum deposited which results in a water insoluble, uniform polycrystalline form that is superior to the usual hot pressed crystals.

All Wilks accessories feature quality design and construction, low price, and —in many cases—same day shipment.

WILKS SCIENTIFIC CORPORATION
P.O. BOX 449, S. NORWALK, CT. 06856, 203/838-4537

CIRCLE 617 ON READER SERVICE CARD

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP