

Comprehensive Transmission Sampling Kit – Complete Gas, Liquid and Solid Sampling



The Comprehensive Transmission Sampling Kit includes a 100-mm pathlength, 38-mm diameter gas cell, in addition to all the sample preparation and mounting tools described in the Standard Transmission Sampling Kit on the previous page. The gas cell body is made of Pyrex® glass and features straight-tube inlet and outlet ports with stopcocks. The gas cell comes with all necessary gaskets, two KBr windows and slide-mounted cell holder, and is designed for gas measurements at ambient temperature and normal atmospheric pressure.

ORDERING INFORMATION

| PART NUMBER | DESCRIPTION |
|-------------|---|
| 162-2000 | Comprehensive Transmission Sampling Kit <i>Includes sample preparation tools, mull liquids, cells, windows and cell holders required for preparation and analysis of gas, solid and liquid samples</i> |

INCLUDED PARTS AND MATERIALS

| PART NUMBER | DESCRIPTION |
|-------------|---|
| 160-8010 | KBr Powder, 100 g |
| 161-0510 | Fluorolube®, 1 oz |
| 161-0500 | Nujol™, 1 oz |
| 042-3035 | Spatula, spoon |
| 042-3050 | Spatula, flat |
| 161-5035 | Mortar and Pestle, 35 mm |
| 161-1027 | PIKE Hand Press for KBr pellets |
| 161-1010 | 7-mm Die Set |
| 161-1018 | KBr Pellet Holder |
| 161-6000 | Finger Cots (12 ea.) |
| 162-5300 | Magnetic Film Holder for 13-mm pellets and film samples |
| 162-1100 | Demountable Liquid Cell Assembly |
| 160-1010 | KBr Window, 32 x 3 mm (6 ea.) |
| 160-1015 | KBr Window, 32 x 3 mm, drilled (6 ea.) |
| 162-1290 | Teflon® Spacers, assortment |
| 161-0521 | Syringe, 2 mL (2 ea. in kit) |
| 162-3610 | Press-On Demountable Liquid Cell Holder for 32-mm windows |
| 162-5600 | Universal Sample Holder* |
| 162-2200 | Gas Cell, 100-mm pathlength, 38-mm diameter |
| 160-1320 | Window, KBr, 38 x 6 mm (2 ea. in kit) |
| 162-5400 | Film Sampling Card, 20-mm clear aperture (10 ea.)* |

Note: Cell holders marked "" fit all standard slide mounts, but due to their height may not allow for a complete sample compartment door closure on some smaller spectrometers. Please consult PIKE Technologies before placing an order.

FEATURES

- Complete sampling kit for analysis of solids, liquids and gas samples by transmission
- Make KBr pellets and mulls for solid samples
- Run qualitative and quantitative analysis of liquid samples
- Identify and quantify gas samples
- Convenient padded carrying and storage case