

## Comprehensive Transmission Sampling Kit (CTS) – Complete Gas, Liquid and Solid Sampling



### FEATURES OF THE COMPREHENSIVE TRANSMISSION SAMPLING KIT

- 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

The CTS Kit includes a 100 mm long, 38 mm diameter gas cell, in addition to all the sample preparation and mounting tools described in the STS Kit. The 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 (CTS) – Gases, Solids and Liquids <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
161-5050	Mortar and Pestle, 50 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
162-1100	Demountable Liquid Cell Assembly
160-1131	Window, KBr 32 x 3 mm, Drilled (6 ea.)
160-1132	Window, KBr 32 x 3 mm, Plain (6 ea.)
162-1290	Teflon® Spacers – Assortment
161-0521	Syringe, 2 ml
162-3610	Press-On Mull Holder (32 mm)
162-5600	Universal Sample Holder
162-2200	100 mm Gas Cell, 38 mm diameter
160-1320	Window, KBr 38 x 6 mm (2 ea.)
162-5400	PIKE Sample Cards (10 ea.)