

Educational Transmission Sampling Kit (ETS) – *An Economical Assembly of Sampling Tools*



FEATURES OF THE EDUCATIONAL TRANSMISSION SAMPLING KIT

- *Basic sampling kit for transmission FTIR sampling*
- *Perform qualitative and quantitative analysis*
- *Economical analysis of solids, liquids and gases*

The Educational Sampling Kit contains all necessary tools for the analysis of gas, liquid, and solid samples. It was designed as a low-cost alternative for busy teaching laboratories. The kit offers a smaller (100 mm x 25 mm) gas cell with straight, septa protected tubes, Bolt Press for making KBr pellets and a 35 mm Mortar and pestle. Please refer to the table below for the detailed list of all components.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
162-3000	Educational Transmission Sampling Kit (ETS) – 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
162-1100	Demountable Liquid Cell Assembly
161-0510	Fluorolube, 1 oz
160-1131	Window, KBr 32 x 3 mm, Drilled (6 ea.)
161-0500	Nujol, 1 oz
160-1132	Window, KBr 32 x 3 mm, Plain (6 ea.)
042-3035	Spatula – Spoon
162-1290	Teflon Spacers – Assortment
042-3050	Spatula – Flat
161-0521	Syringe, 2 ml
161-5035	Mortar and Pestle, 35 mm
162-3610	Press-On Mull Holder (32 mm)
161-2500	Bolt Press (for KBr Pellets)
162-2100	100 mm Gas Cell, 25 mm diameter
161-2511	Wrench Set for Bolt Press (2 ea.)
160-1133	Window, KBr, 25 x 4 mm (2 ea.)
161-6000	Finger Cots (12 ea.)
162-5300	Magnetic Film Holder
162-5400	PIKE Sample Cards (10 ea.)