



Oil Burner Combustion Testing Kits



Bacharach Combustion Testing Kits continue to offer you the most economical means of testing for oil burner efficiency during installation or servicing. Each kit is designed with the service technician in mind and contains the instruments listed in the ordering chart.

Components

- Fyrite® CO₂ Indicator** – The Fyrite Carbon Dioxide Indicator measures the percent CO₂ in a flue gas sample.
- True Spot® Smoke Tester and Oil Burner Smoke Scale** – With the True Spot Smoke Tester and Smoke Scale, you can get an accurate indication of smoke content in flue gas.
- Fire Efficiency Finder/Stack Loss Slide Rule** – The Fire Efficiency Slide Rule is a quick and easy way of determining combustion efficiency and stack loss from the results of the CO₂ and stack temperature tests.
- Tempoint® Dial Thermometer** – High stack temperatures are cause for special concern and may indicate a serious condition.
- Model MZF Draft Gauge** – The intensity of draft determines the rate at which combustion gases pass through the boiler or furnace. With the MZF Draft Gauge, you can determine if draft is excessive or insufficient.
- Drafrite® Draft Gauge** – In some Bacharach Oil Burner Combustion Testing Kits, the hand-held Drafrite replaces the Model MZF Draft Gauge for measuring overfire and draft.
- Carrying Case** – Instruments for Bacharach Oil Burner combustion Testing Kits come in a rugged, plastic carrying case.

ORDERING INFORMATION

ITEM NO.	KIT CONTENTS	STANDARD KIT					EXPORT KIT*			
		10-5014	10-5002	10-5022	10-5036	10-5050	10-5150	10-5023	10-5037	10-5051
10-5064	Fire Efficiency Finder	■	■	■	■	■	■			
10-0100	Carrying Case (large)	■		■	■	■	■	■	■	■
11-0121	Moisture Absorb. Material	■	■	■	■	■	■	■	■	■
11-7029	Sampling Hose Assembly	■	■	■	■	■	■	■	■	■
11-7032	Fyrite CO ₂ 20%-Filled	■	■	■	■	■				
12-7014	Tempoint Therm. 1000° (6" Stem)	■	■	■	■		■			
13-7019	MZF Draft, +.05 to -.25"W	■		■			■			
10-0099	Carrying Case (small)		■							
13-3000	Drafrite, +.10 to -.14"W		■		■					
21-7006	True Spot Smoke Tester			■	■	■	■	■	■	■
12-7018	Tempoint Therm. 1000° (12" Stem)					■				
13-7021	MZF Draft, +.05 to -1.0"W					■				
10-5175	Stack Loss Calculator							■	■	■
11-7031	Fyrite CO ₂ 20%-Unfilled						■	■	■	■
12-7015	Tempoint Therm. 540°C (6" Stem)							■	■	
13-7020	MZF Draft, +1.0 to -2.5mmW							■		
13-7018	MZF Draft, +1.0 to -5mmW								■	■
12-7017	Tempoint Therm. 540°C (12" Stem)									■

*Export Kits are similar to standard kits except Fyrite Indicators are shipped without fluid installed. Drafrite, MZF Draft Gauge, Manometer and Tempoint are supplied metric in most instances. Fluid for export kits must be purchased separately in three bottle cartons.