



Series  
1200

# Combustion Test Kit

A Complete Kit – With Extra Supplies to Save You Time and Money

## CHOOSE FROM TWO MODELS:

1200-A with No. 171 Inclined Draft Gage

1200-B with Dwyer® Magnehelic® Dial Gage



Photo shows both Inclined Draft Gage and Magnehelic® Gage ; only one is included as standard equipment.

## Quick and Easy-to-Use Dwyer® Combustion Test Kit.

Measure all four factors that govern overall efficiency: CO<sub>2</sub> content, draft, stack temperature and smoke. Accuracy to  $\pm 1/2\%$  CO<sub>2</sub> fully meets the requirements of the professional Heating Engineer. Yet an apprentice can follow the simple, illustrated step-by-step instructions. Add a small Pitot tube, which will fit into the kit case, for air velocity measurements.

## 1200-A Combustion Test Kit

- (1). New easy-to-carry, impact resistant polyethylene Carrying Case with handle.
- (2). 1101 CO<sub>2</sub> Indicator – Clear acrylic plastic, virtually unbreakable.
- (3). Aspirator Bulb, Filter and Tubing Assembly.
- (4). Filter Wool – Extra supply in bag for about 1000 tests.
- (5). 171 Draft Gage – Continuously indicating, permanently accurate. 0 to .25" W.C. range in .01 divisions.
- (6). Dwyer® Smoke Gage Pump – Fast-working, the first known unit to conform with ASTM D-2156-XX standards for testing smoke density in flue gases.
- (7). Smoke Filter Paper – An exclusive Dwyer development.
- (8). Magnehelic® Gage – 0-.25" W.C. and 300 to 2000 FPM. Included in Model 1200-B kit below.
- (9). Awl – Pierces smoke pipe for thermometer and sampling tubes.
- (10). CO<sub>2</sub> Absorbent Solution – Extra supply for many tests.
- (11). A-503 Stack Thermometer – Dial type, stainless steel 200 to 1000°F°.
- (12). Gage Oil – Long-lasting extra supply.
- (13). Spring Holders – For thermometer and terminal tubes.
- (14). Hole Plugs – Packet to fill awl holes.
- (15). Smoke Chart – Laminated plastic, for comparison with samples taken.
- (16). Dwyer® Combustion Efficiency Slide Rule Computer – Simple to operate.
- (17). Operating Instructions – Simple, illustrated. Show step by-step use.
- (18). Combustion Data Cards and Parts List – Plastic, weighs only 6 lb 8 oz.

## 1200-B Combustion Test Kit

Includes portable Dwyer® Magnehelic® Draft Gage with large 4" dial instead of No. 171 Inclined Draft Gage, 0 to .25" W.C. range in .01" divisions. Also has air velocity scale with 300 to 2000 F.P.M, range. No leveling necessary; no gage oil required. Kit is otherwise identical to Model 1200-A and weighs only 7 lb 5 oz.

**OPTIONAL:** On special order, the portable Dwyer® Model 460 Air Meter may be substituted for the No. 171 Inclined Draft Gage.