CHOOSE FROM TWO MODELS:
1200-A with No. 171 Inclined Draft Gage
1200-B with Dwyer® Magnehelic® Dial Gage

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

Measure all four factors that govern overall efficiency: CO₂ content, draft, stack temperature and smoke. Accuracy to ±1/2% CO₂ 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 CO₂ 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.
(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). CO₂ 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.
(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.