



## BRIGON Engineer Test Kit for oil and gas



BRIGON Engineer service test kit is a composition of useful instruments for testing and servicing of oil and gas burners. Dial thermometers (150mm and 300mm) measure flue gas temperature. O<sub>2</sub> and CO<sub>2</sub> indicators are applied to determine oxygen or carbon dioxide concentration in Vol% in flue gases on the basis of the Orsat principle. On the calculation scale you can read stack loss and combustion efficiency values for the burner.

CO gas tester enables you to measure CO concentration in flue gases. Smoke tester is used to define the smoke number. A sample of flue gas is taken with the smoke tester, then the gas sample crosses the filter paper producing a soot spot, which can be compared to the graduate reference scale to determine the smoke number. Draught gauge is applied to measure chimney draught. With the manometer for draught and pressure (0 ... 30 mbar) you can test gas pressure in gas burners and back pressure in air conditioning systems.

### Delivery content

- CO<sub>2</sub> indicator 0 - 20 Vol % with aspirator assembly and refill liquid
- O<sub>2</sub> indicator 0-21 Vol% with refill liquid
- CO gas tester with 1 pack of CO tester tubes, measuring range 10 to 3000 ppm
- Smoke tester complete with filter paper, smoke scale and lubricant oil
- Dial thermometer 150 mm and 300 mm stem with cone, 0 – 500 °C
- Draught gauge, measuring range +0,1 to -0,5 mbar
- Manometer for draught and pressure 0 to 30 mbar with probe and refill liquid
- Stack loss/ efficiency calculator for oil and gas burners
- Steel case

Item no. 1400

**BRIGON Engineer Service Test Kit, complete**

Item no. 1422

**BRIGON Engineer Service Test Kit without liquid, complete**

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