

BRIGON-O₂-INDICATOR TESTORYT

0 - 21%

to measure O₂ in flue gases

Testing Device

Range: 0 to 21%

Scale Division: 0.5%

Accuracy: $\pm 0.5\%$

Features: blue protective rings, blue scale, blue absorbing fluid, blue base

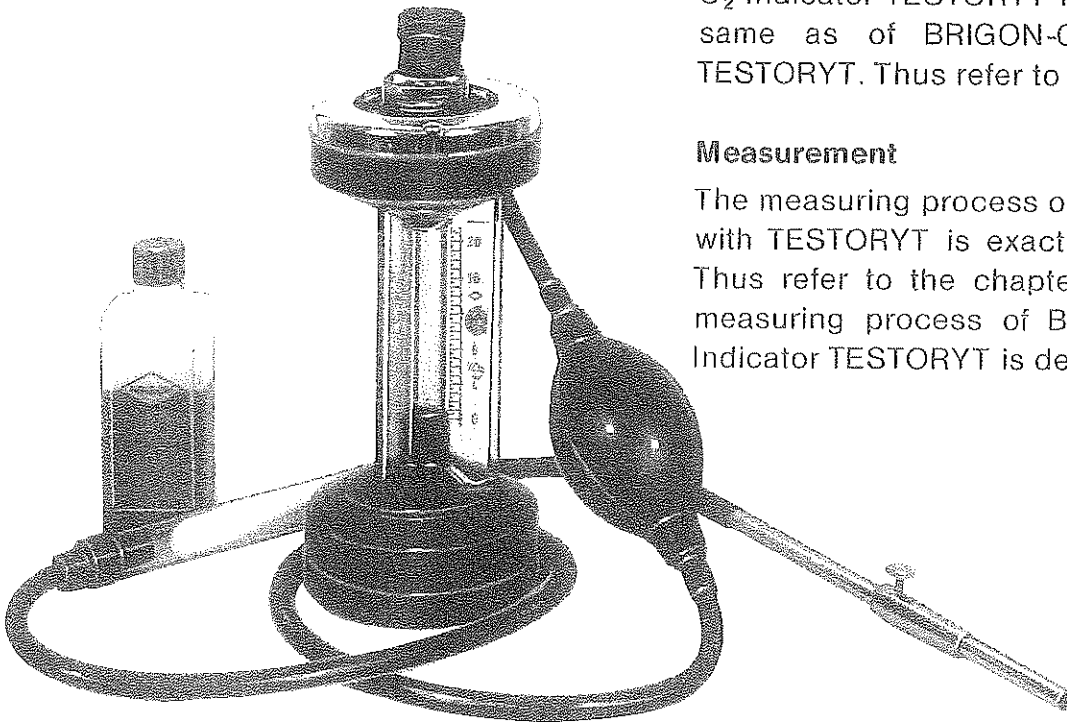
BRIGON-O₂-Indicator TESTORYT with Aspirator Assembly and Fluid

Principle of Operation

The principle of operation of BRIGON-O₂-Indicator TESTORYT is exactly the same as of BRIGON-CO₂-Indicator TESTORYT. Thus refer to this chapter.

Measurement

The measuring process of O₂ and CO₂ with TESTORYT is exactly the same. Thus refer to the chapter where the measuring process of BRIGON-CO₂-Indicator TESTORYT is described.



TESTORYT Absorbing Fluid O₂

BRIGON-O₂-Indicator TESTORYT is supplied filled with testing fluid. Absorbing fluid inside TESTORYT has a shelf-life of about 6 months. Absorbing fluid in use inside TESTORYT is to be replaced from time to time to ensure greatest degree of accuracy. O₂-TESTORYT Fluid strength can be tested on a sample of atmospheric air which contains 20.9% O₂. Fresh O₂-TESTORYT Fluid will absorb all O₂ from approximately 100 samples containing 10% O₂. TESTORYT Fluid in original refill bottles are to be stored at room temperature and placed in use within one year.

Replacing TESTORYT-O₂-Absorbing Fluid

Steps of disassembling, cleaning and reassembling BRIGON-O₂-Indicator-TESTORYT are the same as steps described for BRIGON-CO₂-Indicator-TESTORYT. But as TESTORYT-O₂-Fluid reacts very rapidly with oxygen in air some additional precautions are to be remembered to ensure accuracy. Before adding fluid, flush TESTORYT with a stream of Nitrogen or other oxygen-free gas, just before filling. Maintain a stream of this gas around mouth of bottle while its contents are poured into TESTORYT. If no such gas is at hand, be prompt in filling and reassembling Top Cap to prevent excessive fluid contact with air.

Safety Precautions

TESTORYT-O₂-Absorbing-Fluid contains poisonous elements and is corrosive to skin, clothing and some metals. Make sure to take all safety precautions!

Keep out of children's reach! Keep refill bottles tightly closed. Do not eat, drink or smoke while working. Avoid bringing fluid and acids together. Keep fluid away from metals and metallic salts. Avoid contact with skin, eyes and clothing.

In the event of a spill or accidental body contact with TESTORYT-O₂-Fluid pay careful attention to the following.

External - flood with water and remove contaminated clothing.

Internal - do not induce vomiting, administer milk or water.

Eyes - flush with plenty of water for at least 15 minutes.

In case of accident call physician immediately and show him these instructions or the refill bottle.