WIRSAMTEST- SYP2006 **Oxidation Stability Tester for Distillate Fuel Oil (accelerated method)**

1. Summary：

SYP2006 tester for oxidation stability of distillate fuel oil(accelerated method) is used to measure the storage stability of middle distillate fuels with an initial boiling point above 175℃ and a 90% recovery point below 370℃

2. Apparatus characteristics

- Constant oxygen flow supplied.
- Large content of constant bath, great warm-keeping ability, and can proceed 6 samples at one time.
- Oxidation cell is reliable and easy to use.
- The oxidation cells can be put into dark-box directly to cool down after the test.
- Testing time is pre-set, and the system will alarm and cut off gas when time is up.
- The apparatus is easy to move around

3. Main technical characteristics:

1) flowmeters：6 flowmeters can adjust testing flow independently（test flow：50±5ml/min）

2) constant temperature bath：about 65L

3) thermograph： 80-100℃，scale 0.1℃

4) motor-stirring device：size of stirring vane 75×16mm

5) temperature：95±0.2℃

6) oxidation cell：borosilicate glass，conform to standard

7) Heating device：main 220V,2500W，auxiliary 800W

8) Overall power：3500W

9) Filter and dry device：with metal net and absorbent cotton ect.

10) Sample filter: 50mm diameter cellulose ester surfactant-free membrane with bore diameter 0.8μm.

11) Dark box：Can hold 6 oxidation cells made by metal.

12) Evaporating vessel：200ml

13) Time relay：16 hours be set and controlled by electromagnetic valve

14) size：320L×350W×420H

15) weight： 30kg