

# APPARATUS FOR THE DETERMINATION OF OXIDATION STABILITY OF MINERAL INSULATING OILS ASTM D 2440 - CEI/IEC 1125 (A + B + C) EN 61125 (A + B + C) - IP 280, 306, 307

The apparatus consists of a benchtop steel case hosting a dry bath, 4, 6, 8 or 12 positions and is equipped with individual mass flow controllers, one for each position: by simply rotating the knob on the front panel it's possible to set the desired flow. The advantage of the aluminium block bath consists in the elimination of smelling oil baths and toxic fumes. Besides, the glassware remains clean and not slippery as with oil baths, reducing the risks of incidental breakings.



- Enamel finished benchtop steel case.
- Aluminium block bath with jackets 27 mm diameter and 140 mm height for oxidation tubes.
- Stainless steel heaters.
- High efficiency thermal insulation.
- Microprocessor thermoregulator, PID action with built-in digital display 0.1°C accuracy. Probe: Pt100 RTD For working temperature from ambient to 220°C ± 0.1°C.
- Safety device against overheating.
- Set of electronic mass flow controllers with digital display and knob to adjust set point in ml/h. Range: 0 to 1200 ml/min with 1 ml resolution.
- Two thermometer jackets, one for the block and one for the top plate as prescribed by the test method.
- Easy access control box containing all the electronics. Anodized aluminium control panel with English written indications.
- For 220 V/50 Hz connection. Power consumption: 2000 W max.
- English written user manual.
- CE marked.

AD2440-300	Four-place apparatus.
AD2440-310	Six-place apparatus.
AD2440-320	Eight-place apparatus.
AD2440-330	Twelve-place apparatus.

#### ACCESSORIES

AD2440-A10	Adsorption tube support for tests acc. to CEI/IEC 1125, EN 61125, IP 48, 280, 306, 307
CAL001	PT100 simulator
CAL003	Official Certificate for Pt100 simulator

#### CONSUMABLES

AD2440-C00	Oxidation tube with Drechsel head
AD2440-C01	Adsorption tube with Drechsel head
AD2440-C02	Set of 12 copper coils for tests acc. to ASTM D 2440
AD2440-C03	Set of 12 copper coils for tests acc. to IP 306 and IP 307
AD2440-C04	Set of 12 copper coils for tests acc. to CEI/IEC 1125 (method A) and EN 61125 (method A)
AD2440-C05	Set of 12 copper coils for tests acc. to CEI/IEC 1125 (method B) and EN 61125 (method B)

Specifications may vary without notice.

**The apparatus includes the items listed aside the picture, accessories etc. should be purchased separately.**



**Dott. Gianni Scavini & C.**

Via Donne della Resistenza, 26 - 28831 Baveno (VB) Italy  
Tel. +39-0323-924134 Fax +39-0323-924935  
www.scavini.com