

# APPARATUS FOR THE DETERMINATION OF OXIDATION STABILITY OF MINERAL INSULATING OILS ASTM D 2440 - CEI 10.8 - CEI/IEC 1125 (A + B) EN 61125 (A + B) - IP 48, 280, 306, 307

The apparatus consists of a benchtop steel case hosting a dry bath, 4, 6, 8 or 12 positions: the instrument is equipped with individual variable area flowmeters for each position. 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.
- Easy access control box containing all the electronics. Anodized aluminium control panel with English written indications.
- For 220 V/50 Hz connection. Power consumption: 1500 W.
- English written user manual.
- CE marked.
- Without glassware and flowmeters: appropriate flowmeter rack should be selected from the table in accessories section.
- Glassware support to run tests acc. to CEI 10.8, CEI/IEC 1125, EN 61125 IP 48, 280, 306, 307, EN 61125 also available.
- Software for flow control included in the digital flowmeter racks.

AD2440-200 Four-place apparatus.  
AD2440-210 Six-place apparatus.  
AD2440-220 Eight-place apparatus.  
AD2440-230 Twelve-place apparatus.

#### ACCESSORIES

AD2440-A00 Rack with four high precision flowmeters with precision valve at inlet, 0 to 20 l/h air, 150 mm scale (IP 280)  
AD2440-A01 Rack with six flowmeters as above  
AD2440-A02 Rack with eight flowmeters as above  
AD2440-A03 Rack with twelve flowmeters as above  
AD2440-A04 Rack with four high precision flowmeters with precision valve at inlet, 0 to 1.6 l/h oxygen, 150 mm scale (CEI 10.8, CEI/IEC 1125 (A + B), EN 61125 (A + B), IP 48, 306, 307)  
AD2440-A05 Rack with six flowmeters as above  
AD2440-A06 Rack with eight flowmeters as above  
AD2440-A07 Rack with twelve flowmeters as above  
AD2440-A10 Adsorption tube support for tests acc. to CEI 10.8, CEI/IEC 1125, EN 61125, IP 48, 280, 306, 307  
AD2440-A20 Rack with four high precision digital flowmeters with software, 0 to 21 l/h air (IP 280)  
AD2440-A21 Rack with six digital flowmeters as above  
AD2440-A22 Rack with eight digital flowmeters as above  
AD2440-A23 Rack with twelve digital flowmeters as above

AD2440-A24 Rack with four high precision digital flowmeters with software, 0 to 1.8 l/h oxygen, (CEI 10.8, CEI/IEC 1125 (A + B), EN 61125 (A + B), IP 48, 306, 307)

AD2440-A25 Rack with six digital flowmeters as above  
AD2440-A26 Rack with eight digital flowmeters as above  
AD2440-A27 Rack with twelve digital flowmeters as above  
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.**



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