APPARATUS FOR THE DETERMINATION OF
OXIDATION STABILITY OF MINERAL INSULATING OILS
ASTM D 2440 - 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: the instrument is equipped with individual electronic mass flow controllers with digital display and knob for flow adjustment.

Eight-place apparatus

- Enamel finished benchtop steel case.
- Aluminium block bath with jackets 27 mm diameter and 140 mm height for oxidation tubes.
- Electronic mass flow controllers 0-1200 ml/h f.s with 1% accuracy: complete with digital display and knob for set point adjustment.
- Rack for adsorption tubes, stainless steel.
- 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.
- Four, eight and twelve-position units available: six-position unit available on request.
- For 220V - 50/60Hz connection. Power consumption: 1500 W (four and eight-position), 2000 W (12-position).
- English written user manual. CE marked.
- Versions with 8.4" touch-screen interface also available: the software permits to record flow and temperature throughout the test.

AD2440-204 Four-place apparatus. Dimensions: 640 x 420 x 520 mm, 65 kg
AD2440-208 Eight-place apparatus. Dimensions: 640 x 420 x 520 mm, 80 kg
AD2440-212 Twelve-place apparatus. Dimensions: 1000 x 420 x 520 mm, 110 kg
AD2440-304 Four-place apparatus with touch-screen interface. Dimensions: 640 x 420 x 520 mm, 65 kg
AD2440-308 Eight-place apparatus with touch-screen interface. Dimensions: 640 x 420 x 520 mm, 80 kg
AD2440-312 Twelve-place apparatus with touch-screen interface. Dimensions: 1000 x 420 x 520 mm, 110 kg

ACCESSORIES
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.