

APPARATUS FOR THE DETERMINATION OF EVAPORATION LOSS OF LUBRICATING GREASES OVER WIDE TEMPERATURE RANGE ASTM D2595

The apparatus consists of a case hosting the aluminium block and the electronic mass-flow controllers that provide to control air flow keeping it constant even in case of inlet pressure variations. The control panel hosts the block thermoregulator, two thermoregulators for the air (one independent for each position) and the digital displays with the knobs for flow adjustment.



Two-place unit

- Enamel finished benchtop steel case.
- High efficiency thermal insulation to avoid heating of the external case.
- Aluminium block with jackets for the introduction of the cell.
- Air preheater inserted in the bottom of the block, one for each position.
- Stainless steel band heaters.
- Two covers, air suction tubes hoods and cups for grease, stainless steel. Kalrez gaskets.
- Electronic thermoregulators for air temperature control complete with thermocouples.
- Electronic mass flow controllers with 0-2.5 l/min scale and 1% accuracy: complete with digital display and knob for flow adjustment. Air filter fixed on the case and containing glass wool.
- Microprocessor thermoregulator with PID action: built-in digital thermometer 0.1°C accuracy. Pt100 probe. Test range: from ambient to 316°C.
- Safety devices against overheating.
- English written user manual. CE marked.
- Two and four-place units available
- For 220 V/50 Hz connection. Power consumption 2000 W (two-place) and 4000 W (four-place).

AD2595-202 Two-place unit. Dimensions: 500 x 450 x 520 mm, 75 kg
AD2595-204 Four-place unit. Dimensions: 800 x 500 x 520 mm, 120 kg

ACCESSORIES

AD2595-A00 Digital thermometer

CONSUMABLES

AD2595-C00 Type K thermocouple with supports (for air temperature measurement)
AD2595-C01 Cover and suction tube
AD2595-C02 Sample cup for grease with hood
AD2595-C03 Gasket
TA003C-N00 ASTM 3C thermometer (-5/+400°C)

Specifications may vary without notice.

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



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