

DA01 TUBULAR OVEN FOR GAS CORROSIVITY

DATASHEET

Equipment designed to determine the degree of acidity of gases evolved during the combustion of materials taken from electric cables. The furnace, reaching +1000°C as max. temperature, is supplied with ambient air, controlled with a flowmeter. After the test is performed within the quartz tube, the pH (acidity) and c' (conductivity) of the material are measured.



Technical features

- 2200 W thermoelectric refractory tubular furnace, 60 mm dia 600 mm long tube having silica fiber insulation and safety structure, max. temperature 1000°C.
- Transparent quartz combustion tube with glass conical joints at each end, length 900 mm, dia 40 mm (17101021)
- Conical cover with joint for pure air inlet, and airtight spherical joint to insert a thermocouple
- Quartz tube adjustable supports
- System to locate the combustion boat inside the quartz tube
- Control panel for temperature display and calibration
- Thermal increase 10°C/min
- Microprocessor-operated thermoregulator with the display of the set-point and of the real temperature of the inner part of the furnace
- Digital indicator of the real temperature of the sample measured with a thermocouple
- Flowmeter with needle valve
- n. 1 250 ml air filtering bottle (17101025)
- n. 1 500 ml gas washing bottle (17101024)
- n.1 1000 ml gas washing bottle (17101026)
- n.1 250 ml dehumidifying air bottle (17101025)
- 5 quartz combustion boats 76 x 16 x 10 mm (17101023)
- Dimensions 1200 x 500 x 440h mm
- Weight: 30 kg
- Power supply: 230VAC, 50Hz 2,2kVA



quartz boats



thermoregulator

Standards

CEI	EN 50267-1:1999 IT
HD	602 S1:1992 EU
IEC	60754-1
IEC	60754-2
NF	X 70-100 -1

Optional Accessories

- Multiparameter meter 2550
- Electronic analytical balance
- Ultrasonic bath (6 l)
- Magnetic stirrer



magnetic stirrer

Code	Description
10094301	Tubular Oven (DA01)
40380000	Benchtop meter 2550
40320020	Electronic analytical balance
40380600	Ultrasonic bath (6 lt)
40990024	Magnetic stirrer 301

