

Technical Specifications

ZY6192-ZN

Halogen Acid Gas Content Test Apparatus



Standards Compliance	IEC 60754-1/2
Scope of Application	Used to measure the total amount of halogen acid gas released by mixtures based on halogenated polymers and mixtures containing halogenated additives taken from cable or optical cable structures, except hydrofluoric acid, during combustion.
Heating Chamber — effective length	600 mm
Heating Chamber — inner diameter	Ø 58 mm
Heating-rate Control	Programmable (Intelligent / ZN)
Heating Power	6 kW (AC 220 V)
Combustion Tube	ID 40mm
Combustion Boat	ID 75mm, W 27mm, depth 8.5mm
Air Supply — flow meter	50–500 mL/min
Analytical Balance:	
Sample Mass	1000mg±5mg
Analytical Balance	Readability 0.1 mg
PHS-3C pH Meter:	
Measuring Range	(-1.00 ~ 15.00) pH, ±1999 mV
Accuracy	pH: ±0.01, mV: ±0.1% (F.S.)
Input Impedance	≥10 ¹² Ω
Temperature Compensation Range	(0 ~ 100) °C
Operating Conditions	a. Ambient Temperature: (0 ~ 45) °C b. Relative Humidity: ≤85% RH Power Supply: AC (220 ± 22) V, (50 ± 0.5) Hz
DDS-307 Digital Conductivity Meter:	
Power Supply	AC 220V ±10%, 50Hz
Measuring Range	(0 ~ 2×10 ⁵) μS/cm
Measurement Error	1.0% (F.S.)
Temperature Compensation Range	(15 ~ 35) °C
Recorder Output	(0 ~ 20) mV
Power Consumption	5W
Available Electrode Constants	0.01, 0.1, 1, 10