

Technical Specifications

ZY6166-PC

3 Metre Cube

Smoke Density Test Apparatus

Test Method	IEC 61034-1/2
Scope of Application	Used to measure the smoke density of cables and optical cables when they burn under specific conditions.
Entire Cubic Combustion Chamber	Assembled on site using color steel plates
Internal Dimensions	L3,000*W3,000*H3,000 (mm)
Structure	100mmx100mm
Light Source	Imported quartz halogen lamp, nominal power: 100W Nominal voltage: 12V Accuracy: $\pm 0.01V$ Nominal luminous flux: 2,000~3,000Lm Nominal color temperature: 2,800K~3,200K
Transmittance	0% = no light passes through 100% = light passes through completely without obstruction
Measurable Transmittance	Range (0~100)%
Fire source is 1.0L alcohol configuration.	90% ethanol, 4% methanol, 6% water
Alcohol Tray (Combustion Boat)	Stainless steel, 1.0mm thick, bottom: 210x110mm, top: 240x140mm, height 80mm.
Installation Location	The alcohol tray is 100mm above the ground to allow air circulation.
Air Volume	7 cubic meters per minute
Temperature Measuring Device	(-1.00 ~ 15.00) pH, $\pm 1,999$ mV