FANYUAN INSTRUMENT (HF) CO., LTD.
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FY818-II NBS SMOKE DENSITY CHAMBER

MODEL NO.

FY818-II

APPLICATION

FY818-II NBS smoke density chamber is used for measuring smoke density which produced from the exposed surface of specimen, such as plastic, rubber, textile coverings, wood, etc. The smoke optical density is measured continuously by an optical system according to Beer-lambert law. This chamber can also be matched with other instrument, such as FTIR, HPLC, ion chromatograph, gas detector, to analyze smoke toxicity.

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STANDARDS

Standard	ISO 5659-2	BS 6401	GB/T 8323-08

Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

KEY SPECIFICATION

- Light transmittance 0.0001%~100%
- Flow-meter range for propane 0~100cc/min
- Flow-meter range for air 0~1000cc/min
- Temperature range for chamber wall 0~100℃±1℃
- Pressure range in chamber <1.5KPa
- Radiant power 0~50kw/m^2
- Light source incandescent light, 2200±100K
- Inside dimension 914±3×914±3×610±3mm（L×W×H）

STANDARD CONFIGURATION

No.	Item	Quantity
1	Main machine	1set
2	Radiation cone (50kw/m^2)	1set
3		

OPTIONAL ACCESSORIES

No.	Item	Quantity
1		
2		