

# FD901

## 材料表面氡析出率测量箱 Radon Exhalation Rate Measuring Device



### 应用领域

可应用于无机非金属建筑主体材料、装饰装修材料、混凝土制品等的表面氡析出率检测。

### 符合的标准/规程

- GB 50325-2020《民用建筑工程室内环境污染控制标准》

### Application Fields

The device can be applied to the surface radon exhalation rate detection of inorganic non-metallic building main materials, decoration materials, concrete products, etc.

The instrument meets the measuring principle and requirements of GB 50325-2020 *Standard for indoor environmental pollution control of civil building engineering*.

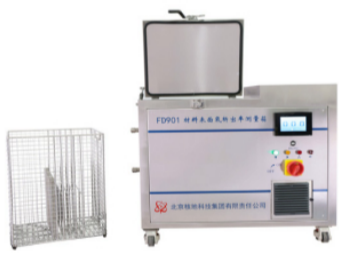


核工业北京地质研究院仪器开发研究所  
北京核地科技集团有限责任公司

总机: 010-86467260 网址: www.bjhdkj.com  
业务部: 010-64953684 64980736 18911586039  
售后: 010-64986980 传真: 010-64944429

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## 材料表面氡析出率测量箱 Radon Exhalation Rate Measuring Device



### 仪器特点

- 箱体密封严密不漏气，内置循环风扇，确保箱内氡浓度均匀一致
- 箱体配有氡析出率测量气路快插接头，兼容多种型号测氡仪
- 采用半导体制冷技术，清洁无污染，使用寿命长
- 多路进口温湿度传感器
- 先进智能控温、控湿系统，平衡式调温调湿算法，运行稳定
- 独立限温报警系统，温度超限自动停机，安全可靠
- 可视化测控软件，实时显示温湿度波动曲线，数据以Excel表格形式存储，方便查阅、打印

### 技术指标

- 箱内有效体积: 0.06 m<sup>3</sup>  
箱内尺寸: W×D×H 400×300×500 (mm)
- 控温范围: (+20 ~ +30)°C
- 控温精度: ±0.5°C
- 控湿范围: 30%~60%RH
- 控湿精度: ±5%
- 箱体材质: 304不锈钢
- 通信类型: USB接口
- 电源/功耗: ~220V/50Hz 约800W
- 显示器: 5寸TFT电容触摸式彩色液晶显示屏
- 使用环境  
温度: (+5 ~ +40)°C  
相对湿度: ≤95% (+40°C)
- 外形尺寸和重量:  
(850×420×740) mm 约60 kg

### Instrument Characteristics

- Strictly sealed chamber with the built-in circulating fan to ensure uniform mixing of radon gas.
- Equipped with standard plug, compatible with various types of radon monitors.
- Development of semiconductor refrigeration system, clean and pollution-free, long service life.
- Multi-way imported temperature and humidity sensors.
- The advanced intelligent temperature and humidity control system is designed, and the balanced temperature and humidity adjustment algorithm is adopted to ensure stable operation of the system.
- Independent temperature alarm system, automatic shutdown when the temperature exceeds the limit threshold.
- Visual control software for real-time display of temperature and humidity fluctuation curve and storage of data in Excel form.

### Specifications

- Interior Effective Volume: 0.06 m<sup>3</sup>  
Internal Dimensions:  
W×D×H 400×300×500 (mm)
- Temperature Control Range: (+20 ~ +30)°C
- Temperature Control Accuracy: ±0.5°C
- Humidity Control Range: 30%~60%RH
- Humidity Control Accuracy: ±5%
- Case Material: 304 stainless steel
- Communication Interface: USB
- Electrical Data:  
Rated Voltage: ~220V  
Power Frequency: 50Hz  
Nominal Power: 800W
- Monitor: 5" TFT capacitive touch color LCD display
- Operating Environment  
Temperature Range: (+5 ~ +40)°C  
Relative Humidity: ≤95% (+40°C)
- Dimensions and Weight:  
(850×420×740) mm Weight: about 60 kg



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