

# ZDG-25 | 智能单向刮漆试验仪

Intelligent Unidirectional Scrape Resistance Tester

## 产品性能特点

- ◆ 执行标准：GB/T4074.3-2008/IEC60851-3；检验标准：JB/T4279.9-2008
- ◆ 用于检测导体标称直径0.250mm以上漆包圆线的漆膜耐刮性能
- ◆ 采用高端单片机控制，运行速度快，抗干扰能力强
- ◆ 自动完成试验全过程，计算三次刮破力平均值
- ◆ 试样支撑台面能上下平行升降，其整个平面能与试样紧密接触
- ◆ 刮刀移动采用精密直线导轨传动，刮刀在移动时无抖动
- ◆ 当漆膜被刮破，刮漆装置自动停止刮漆动作，试样裸露的导体 < 3mm
- ◆ 采用成熟先进的人机界面，提示试验操作步骤，显示试验结果
- ◆ 所有试验数据均可自动传输至上位机，并由DMS-15漆包绕组线质量检验数据管理系统自动保存、分析



★ **砝码配备：**5N×3、2N×2、1N×1、0.5N×1、0.2N×2、0.1N×1

## 主要技术参数

刮漆装置移动距离	> 100mm
刮漆装置移动速度	400 ± 40mm/min
刮刀直径	0.23 ± 0.01mm
试验电压	DC6.5 ± 0.5V
短路电流	20 ± 0.5mA
刮破力误差	< ± 5%
输入电源	AC220V ± 10% 50Hz
消耗功率	< 150W
外形尺寸	L × W × H 640 × 350 × 355mm
重量	45kg

- ◆ Executive standard: GB/T4074.3-2008/IEC60851-3; Inspection standard: JB/T4279.9-2008
- ◆ Used to measure the film scrap resistance of enameled round wires with nominal conductor diameter above 0.250mm;
- ◆ Application of SCM control allows for fast operation and strong anti-interference capacity;
- ◆ Automatically complete the whole test process and work out the average of scraping forces obtained in three times;
- ◆ Sample support table allows for parallel rise and fall, maintaining close contact between the entire plane with sample;
- ◆ As driven by precision linear rail, scraper is free from shake during movement;
- ◆ When film is scratched, painting scraper would automatically stop scraping, with exposed conductor of sample < 3mm;
- ◆ Application of matured advanced human-computer interface would provide a hint for test operating procedure and display test result;
- ◆ All test data can be automatically transmitted to upper computer, and be saved and analyzed by DMS-15 quality inspection data management system for enameled winding wire.

★ **Preparation of weights:** 5N×3、2N×2、1N×1、0.5N×1、0.2N×2、0.1N×1

Displacement distance of painting scraper	> 100mm
Movement speed of painting scraper	400±40mm/min
Diameter of scraper	0.23±0.01mm
Test voltage	DC6.5±0.5V
Short-circuit current	20±0.5mA
Scraping force error	< ± 5%
Input power	AC220V±10% 50Hz
Consumed power	< 150W
Overall dimensions	L×W×H 640×350×355mm
Weight	45kg