

## HBQ-K231 大平方线束自动化设备

### 产品简介

HBQ-K231 大平方线束自动化设备，可实现大平方线束剥皮、压端等功能。设备采用分段式模组可灵活搭配结构设计、灵活智能的控制系统，可根据客户的需求进行个性化定制。是一款适应端子种类范围广，功能强大，为客户提供更多附加值的大平方线束加工设备。

### 产品特征

#### ● 简约

- 1.机身以有清洁感的工业灰色为基调，整体结构简洁大方；
- 2.三色警示灯条，根据实际生产情况给与操作直观的提示；
- 3.友好的人机界面，更加直观的图形画面提高了可视性和操作性。

#### ● 高效

- 1.支持闭式端子、开口端子、平端子、90°折弯端子等多种端子，端子座支持快换；
- 2.具备机器人自动取端子功能；
- 3.生产参数自主化设定适用多样化生产。

#### ● 多功能

- 1.具备剥皮伤芯检测功能；
- 2.具备剥皮后视觉检测功能（包含数芯线数量，飞丝，剥皮长度等多种检测项目）；
- 3.具备压接后视觉检测功能（包含飞丝、端子与线皮间距等多种检测项目）。

## 产品参数

型号	HBQ-K231
线径范围	2.5~6mm <sup>2</sup>
长度范围	150~2000mm
剥皮长度	0~16mm
压接力	80KN
CT	11S
气源	5~7Bar
功率	13KW（max）
电源	AC220V/50Hz
外形尺寸	L2640×W1600×H2100mm
重量	3700kg

## HBQ-K231 Loose Terminals Processing Center

### INTRODUCTION

HBQ-K231 loose terminals processing center can realize functions such as stripping and crimping large square wire harnesses. The equipment adopts a segmented

modular structure that can be flexibly combined with a flexible and intelligent control system, allowing for personalized customization according to customer needs. It is a large square wire harness processing equipment that adapts to a wide range of terminal types, has powerful functions, and provides customers with more added value.

## FEATURES

### ● Simplicity:

- 1.The body is based on a clean industrial gray color scheme, with a simple and elegant overall structure;
- 2.Three-color warning light strip, providing intuitive prompts for operation based on actual production conditions;
- 3.The friendly human-machine interface and more intuitive graphic images improve visibility and operability.

### ● Efficient:

- 1.Support a variety of terminals such as closed terminals, open terminals, flat terminals, and 90° bend terminals, and the terminal base supports quick change;
- 2.It has the function of automatic terminal picking by robot;
- 3.The independent setting of production parameters is suitable for diversified production.

### ● Multi-function:

- 1.It has the function of detecting the damaged core of the stripping;
- 2.It has visual detection function after stripping (including multiple detection items such as the number of core wires, flying fibers, and stripping length);
- 3.It has a visual inspection function after crimping (including various inspection items such as flying wire, terminal and wire skin spacing).

#### SPECIFICATIONS

Type	HBQ-K231
Wire Cross Section	2.5~6mm <sup>2</sup>
Length Range	150~2000mm
Stripping Length	0~16mm
Crimp Force	80KN
CT	11S
Air Supply	5~7Bar
Power	13KW(max)
Power Supply	AC220V/50Hz
Overall Dimension	L2640×W1600×H2100mm

Weight	3700kg
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