

HBQ-G102 光伏及储能连接器线束螺母拧紧机

HBQ-G102 Nut tightening machine apply to photovoltaic and energy storage connector wire harness

◆产品介绍 Introduction

HBQ-G102 光伏及储能连接器螺母拧紧机是新一代半自动连接器螺母扭紧设备。设备主要由 伺服电机、编码器、PLC、光电传感器、气缸组成。设备具备防错防呆功能，放入错误的产品时，设备不会响应启动，可有效避免不良品流入下一工序。拥有较高的拧紧精度，操作简单性能稳定，有效节省人力。



HBQ-G102 Nut tightening machine is a new generation of semi-automatic connector nut tightening equipment. The equipment is mainly composed of servo motor, encoder, PLC, photoelectric sensor and cylinder. The equipment has the function of error-proofing and fool-proofing. When the wrong products are put into the equipment, the equipment will not respond to start, which can effectively prevent the defective products from flowing into the next process. It has high tightening accuracy, simple operation, and stable performance, and saves manpower effectively.



◆产品特点 Features

○便捷式操作 Convenient operation

开机后放入物料即可自动拧紧连接器

After the machine is turned on and materials is put in, the connector can be automatically tightened

○多模式启动 Multimode startup

按钮控制、脚踏控制与感应控制启动三种模式，可根据不同需要分别选择，有效提高效率。

Three ways of starting modes, button control, foot control and sensor control, can be selected according to different needs, which effectively improves



efficiency.

○针对性防错 Targeted error-proofing

公母头连接器区分，放入指定连接器才能工作。

端子防错功能，器端子有问题时，放入设备后，不会运行工作，可以有效避免不良品流入后端工序。

Male and female head connectors distinguish, put into the specified connector to work.

Terminal error-proofing function, when there is a problem with the connector or terminal, the equipment will not run, which can effectively avoid bad products flowing into the back-end process.

◆产品参数 Specifications

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|---------------|---|
| 型号 Type | HBQ-G102 |
| 拧紧范围 Range | 0-5mm（可根据产品实际需求变更核心部件） (Core components can be changed according to actual product requirements) |
| 拧紧精度 Accuracy | ±0.2mm |
| 效率 Efficiency | 20-30PCS/min（以实际人工放料速度为准） |



| | |
|-----------------|--|
| | (The actual manual feeding speed shall prevail) |
| 功率 Power | 400W |
| 电源 Power supply | 220V/50Hz |
| 气源 Air supply | 0.5Mpa - 0.7Mpa |
| 重量 Weight | 约 50kg Approx. 50KG |
| 外观尺寸 Dimension | 约 500x400x260 (单位: mm) Approx. 500x400x260 (Unit: mm) |

备注: Remarks

1. 由于连接器, 端子种类不同, 请务必提供样品

Due to different types of connectors and terminals, please be sure to provide samples