



# BMS-10N / NV

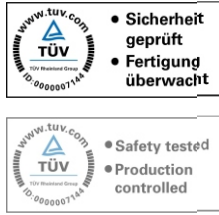


PS-3焊枪是BMS-10N/NV的标准配置焊枪。



符合人体工程学GW-1手推车可以非常整洁地存放所有的配件。

The ergonomic GW-1 tool and gear wagon allows all components to be neatly stored.



115V 1~ 50/60 Hz	230V 1~ 50/60 Hz												

## 描述 | Description

BMS-10N和BMS-10NV螺柱焊机可以搭配手工焊枪、焊头和工作台去实现手工焊或者自动送钉焊接。

- 适合间隙式和提升式的焊接；
- 操作简单，双向无极调整充电电压；
- 精确显示充电电压；
- 自动稳定充电电压；
- 面板的表格里显示有不同直径螺柱的标准参数；
- 所有功能的监控都可以通过指示灯清晰显示出来；
- 特殊的“充电电路”保证了在非常高的焊接频率下能持续焊接（专利号：199 15 396.5）；
- 可以选择半自动或全自动送钉模式；
- 无需焊接电流可实现焊枪测试功能，可调节提升高度（提升测试状态）；
- 高容量的电能储存可以在特殊的、困难的条件下完成焊接任务；
- 电源电压波动时对设备没有任何的损伤（-10/+15%）。

Both types of stud welders are optimally suitable for being operated with welding guns, welding heads and bench welders with manual or automated stud feed.

- Suitable for gap and contact welding.
- Simplest operation due to infinitely bidirectional regulation of charging voltage.
- Precise digital display of charging voltage.
- Automatic stabilization of charging voltage.
- Table at the front panel indicating standard values for different stud diameters.
- Monitoring of all functions via clearly visible pilot lamps.
- Novel “charging circuit” (Pat. No. 199 15 396.5) allowing very high welding sequences during continuous application.
- Optional module for semi-automatic and fully automatic stud feed.
- Function tests without welding current for welding guns and heads to adjust the lift (lift test).
- High capacity reserves in borderline cases and in the case of difficult welding tasks.
- No negative impairment in case of mains voltage fluctuations (-10/+15%).



## 技术参数 | Technical Data

BMS-10N / NV	
焊接范围	M3-M8或Ø 2-8 mm的螺柱可使用BMS-10N; M3-M12或Ø 3-10 mm的螺柱可使用BMS-10NV
Welding range	M3-M8 or Ø 2-8 mm with BMS-10N, M3-M12 or Ø 3-10 mm with BMS-10NV
焊接材料	碳钢、不锈钢、铝和黄铜 (M8或Ø 8 mm的铝和铜合金需取决于实际产品要求)
Material	Steel, stainless steel, aluminium and brass (M8 or Ø 8 mm in aluminium and brass conditionally, depending on the respective requirements)
电源形式	电容储能式
Power source	Capacitor bank
充电电容	BMS-10N是88000 µF/BMS-10NV是132000 µF
Charging capacity	88000 µF with BMS-10N / 132000 µF with BMS-10NV
充电电压	55-200 V, 可调节
Charging voltage	55-200 V, infinitely variable up/down
焊接时间	1-3 ms
Welding time	1-3 ms
焊接频率	BMS-10N: Ø 3 mm的螺柱最大可达20个/分, Ø 8 mm的螺柱最大可达8个/分 BMS-10NV: Ø 3 mm的螺柱最大可达20个/分, Ø 8 mm的螺柱最大可达6个/分
Welding sequence	BMS-10N: Ø 3 mm up to 20 studs/min   Ø 8 mm up to 8 studs/min BMS-10NV: Ø 3 mm up to 20 studs/min   Ø 8 mm up to 6 studs/min
输入电源	115/230 V, 50/60 Hz, 16/8 A (可以通过改变变压器的连接)
Mains supply	115/230 V, 50/60 Hz, 16/8 A (possible through changing the connections at the transformer)
外观尺寸	430×220×430 mm (宽×高×长)
Dimensions	430×220×430 mm (w×h×d)
重量	BMS-10N是19.5 kg/BMS-10NV是20.5 kg
Weight	19.5 kg with BMS-10N / 20.5 kg with BMS-10NV

## 焊接效果 | Welding Effect



技术规格如有变更, 恕不另行通知。 | 请关注[www.soyer.com.cn](http://www.soyer.com.cn), 获取更多信息。



1. HAUPTPREIS



BAYERISCHER STAATSPREIS 2013



BUNDES-INNOVATIONSPREIS 2014, 2016 und 2018