N2 measuring and control system 0.5-3.5 SLPM, 24 V - JBC MN-A

Item no. WL25463 **Manufacturer JBC**

Measuring and control system for the nitrogen supply when soldering under an N2 atmosphere. Regulates a flow range of 0.5 to 3.5 SLPM at 6 bar inlet pressure, powered at 24 V and 3 W.

TECHNICAL DATA

Ausführungsklasse	**ESD (antistatic)**
Country of Manufacture	**Spain**
HS-Code	**85159080900**
Power	**3 W**
Weight	**0.1 kg**

STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1

DESCRIPTION

The JBC MN-A measures and regulates the nitrogen flow to soldering irons and stations designed to run under an N2 atmosphere. Nitrogen displaces oxygen at the joint, reduces oxidation and improves wetting. The system holds the set flow range of 0.5 to 3.5 SLPM stable.

BENEFITS

- Regulated flow range 0.5 to 3.5 SLPM for reproducible N2 supply
- Inlet pressure 6 bar, low self-consumption of 3 W
- 24 V supply for integration into JBC soldering systems
- Compact 130 x 50 x 120 mm body for workstation integration

TECHNICAL DATA

Item no.	WL25463
Manufacturer item no.	MN-A
Model	MN-A
Manufacturer	JBC

Function	N2 measuring and control system
Flow range	0.5 to 3.5 SLPM
Inlet pressure	6 bar
Power	3 W
Voltage	24 V
Ambient temperature	10 to 40 °C
Dimensions (LxWxH)	130 mm x 50 mm x 120 mm
Dimensions with packaging (LxWxH)	243 mm x 115 mm x 75 mm
Order unit	piece

APPLICATIONS

Soldering processes under a nitrogen atmosphere to reduce oxidation, such as lead-free soldering and high-quality joints that need better wetting.

COMPATIBILITY AND SCOPE OF DELIVERY

For JBC soldering systems intended for N2 operation. Scope of delivery: one MN-A N2 measuring and control system.

Made by JBC (Spain). Suitable for use at ESD-protected soldering workstations per IEC 61340-5-1.