TECHNICAL DATA SHEET

FAE1 KIT1 Fume Extractor Kit for 1 Workbench

FAE is a **high-effective solution for reducing exposure to solder fumes** . Fume extraction is activated when the tool is lifted from the stand and operates only during soldering. This automatic activation reduces power consumption and extends filter life.
The flexible arm provides 80 m³/h of airflow , optimizing **fume extraction across one workbench** while meeting industry standards and ensuring improved air quality.
It includes:

- **FAE1100 Filter** (**FAE1110 Pre-Filter** + **HEPA H13** + Carbon Filter), a three-stage system that achieves a certified filtration efficiency of 99.95%, complying with EN 1822 requirements.
- **FAE010** , Extraction Hose that connects **FAE1** to **FAE022** or **FAE072** Flexible Arms.
- **FAE072** , Flexible Arm designed to be mounted on the workbench using a clamp.
- **P405** , which allows activation of the vacuum system without connection to JBC Station.



REFERENCES

FAE1-1K1D - 120 V
FAE1-2K1D - 230 V
FAE1-9K1D - 100 V

PRODUCT COMPOSITION

1 - Instruction Manual
1 - P405 Pedal
1 - FAE1100 Filter with HEPA H13 for FAE1
1 - FAE1 Fume Extractor with FAE1100 for 1 Workbench
1 - FAE010 Flexible Hose
1 - FAE072 Flexible Arm with Clamp

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SPECIFICATIONS

Blower type	Brushless
Max. flow rate	230m3/h (135 CFM)
Max. vacuum	3.2 kPa (0.46 psi) - 100 V 4.3 kPa (0.62 psi) - 120 V 6 KPa (0.87 psi) - 230 V
Work areas	1 or 2
Noise Level	55 dB @ 1m
ESD safe	Meet ANSI/ESD S20.20
Pre-filter	Medium Dust Filter M5 (EN 779)
Compact filters	HEPA filter H13 (EN 1822) and Active Carbon filter
Connections	USB-B Pedal connector Station connectors RJ12 (4x)
Input power	200W. Fuse 4A - 100 V 270W. Fuse 4A - 120 V 300W. Fuse 2.5A - 230 V

WEIGHT AND DIMENSIONS

Control Unit	380 x 340 x 475 mm / 13.90 kg 14.96 x 13.39 x 18.70 in / 30.64 lb
Package	620 x 460 x 715 mm / 20.42 kg 24.41 x 18.11 x 28.15 in / 45.02 lb