

DATA

EA 55 i

ERSA solder fume extraction Compact, economic and powerful

Fig. EA 55 i (0CA09-001), i-CON1 C (0IC1100A0C), heating plate (0IRHP100A-03), X/Y PCB table (0IR5500-01), i-Tool with tool holder



A clean, quiet solution

The filter unit ERSA Easy Arm Extraction **EA 55 i** is a compact and powerful system to efficiently clean soldering process air at the workbench. Utilised with either the *i-CON1 C* or *i-CON2 C* soldering stations, connected with an interface cable, this filter system opens up a completely new dimension of intelligent solder fume extraction.

The extraction unit can be operated in the continuous mode, or, with an *i-CON* connected, it is only working whilst the attached soldering station is in operation, stopping as soon as the soldering station goes into standby mode. Filter usage times are increased, energy costs and operational noise level are significantly reduced.

The EA 55 i can be installed variably and easily. A very low operation noise level and its robust metallic case allows running the system in basically all industrial surroundings from testing floor and laboratories to electronic production.

The solder fume filtration occurs in three stages: First a pre-filter captures the large particles. Then the HEPA particulate filter removes all the remaining hazardous particles. Finally the activated carbon gas filter adsorbs any harmful gas molecules.

The powerful blower guarantees an adequate airflow throughout the filter life. An optical alarm indicates necessary filter changes.

Technical Data

Solder Fume Extraction Unit EA 55 i (0CA09-001)	
Dimensions (L x B x H)	290 x 270 x 410 mm
Electrical data	75 W / 100 - 250 V / 50 - 60 Hz
Volume flow: Free flowing / with new filter	110 m ³ /h / 105 m ³ /h
Vacuum	1,400 Pa
Noise level	56 dB (A)
Filter	HEPA activated carbon



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EA 55 i scope of delivery:
Filter unit, extraction arm (incl. table clamp for arm), nozzle, interface cable and power cord



Table clamp for filter unit
(3CA09-4005)