Ersa EASY ARM 1 and EASY ARM 2

kurtz ersa

Ersa solder fume extractions – silent and efficient as never before!

Ersa solder fume extractions satisfy with high exhaust power and super silent operation!

Ersa solder fume extraction units are based on over 15 years of experience in process air cleaning by Ersa.

They stand out by a high suction power and an efficient filter performance combined with super silent operation. Exhaust volume per arm is 110 m³/h. Both the EASY ARM 1 and EASY ARM 2 are equipped with filters that clean the process air in three stages: The pre-filter absorbs dust and big particles. The combined filter separates micro particles which occur during soldering and absorbs dangerous gas molecules in the incorporated activated carbon filter.
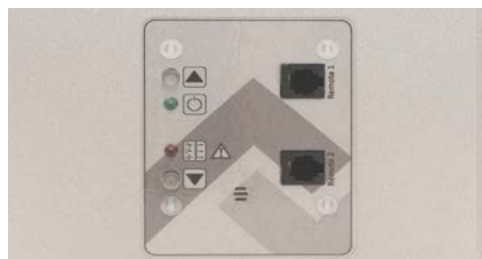
The operator can choose between a system with one exhaust arm – the EASY ARM 1 – and a unit with two exhaust arms – the EASY ARM 2. Both units can be mounted individually by means of their table clamp. Exhaust power is set independently for each extraction arm at the touch of a button. The EASY ARM 1 and EASY ARM 2 use an identical pre-filter and combined filter. Optical and acoustical signals inform the operator when filters have to be exchanged. A wide range of exhaust arms and nozzles for all applications are available so that the user will find the proper solution for his requirements.

For energy saving purposes and to extend filter lifetime, both units can be connected with Ersa i-CON soldering stations or a standby switch. In this way, the extraction unit is only working whilst the attached soldering station is in operation, stopping as soon as the soldering station goes into standby mode.
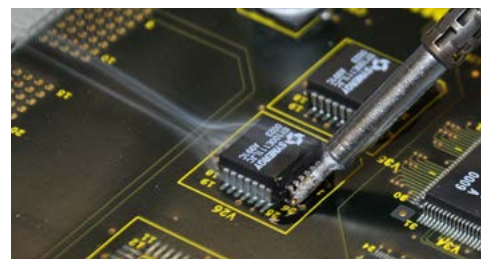
Ersa EASY ARM 1 with exhaust arm Omniflex and round exhaust nozzle

Clearly structured control panel

High-end filter materials, same filters for EASY ARM 1 and EASY ARM 2

Efficient solder fume extraction directly at the solder joint

Ersa EASY ARM 1 and EASY ARM 2

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Technical data

	Ersa EASY ARM 1	Ersa EASY ARM 2
Dimensions (L x W x H), incl. inlet:	255 mm x 255 mm x 470 mm	490 mm x 255 mm x 470 mm
Weight:	7.5 kg	15 kg
Volume flow (with new filter):	1 x 110 m³/h	2 x 110 m³/h
Volume flow of blower:	1 x 130 m³/h	2 x 130 m³/h
Vacuum:	1 x 1,800 Pa	2 x 1,800 Pa
Noise level:	50 dB (A)	50 dB (A)
Filter class		
Prefilter (mat):	F7	F7
Combined filter:	H13	H13
Separation degree (HEPA)		
Prefilter 1 – 10 µm particles:	80 % – 90 %	80 % – 90 %
Combined filter <1 µm particles:	99.95 %	99.95 %
Filter area combined filter:	2.2 m²	2.2 m²
Gas filter:	activated carbon	activated carbon
Life time combined filter: (hand soldering)	1,500 h	1,500 h
Electrical data:	40 W, 100 – 240 V AC, 50/60 Hz	80 W, 100 – 240 V AC, 50/60 Hz
Fuse:	6.3 A	6.3 A
Connections:	interface to i-CON soldering stations or standby switch	interface to i-CON soldering stations or standby switch
Order number	**0CA10-001**	**0CA10-002**

Ersa soldering stations with interface (option)

Order number	Description
0IC1100A0C	**Ersa i-CON1 C** electronically temperature-controlled soldering station with interface, antistatic, 230/24 V, 80 W
0IC2000A0C	**Ersa i-CON2 C** electronically temperature-controlled double iron soldering station with interface, antistatic, 230/24 V, 150 W
0ICV2000A (all versions)	**Ersa i-CON VARIO 2** multi-channel soldering and desoldering station with interface, i-TOOL AIR S hot air iron and i-TOOL soldering iron for classical soldering applications or the new CHIP TOOL VARIO desoldering tweezers, antistatic, 230/24 V, 200 W
0ICV4000A (all versions)	**Ersa i-CON VARIO 4** multi-channel soldering and desoldering station for the operation of up to 4 tools (i-TOOL AIR S hot air iron, i-TOOL soldering iron, CHIP TOOL VARIO desoldering tweezers and X-TOOL desoldering iron), with interface, antistatic, 230/24 V, 500 W

Accessories and spare parts

Ord. no.	Description	
0CA10-4002	extraction arm, 1,000 mm Highflex, direct mount at the filter unit	
0CA10-4003	extraction arm, 900 mm Omniflex, direct mount at the filter unit	
0CA10-4001	hinged extraction arm, 500 mm Highflex and table clamp, incl. connecting hose	
0CA10-4004	hinged extraction arm, 600 mm Omniflex and table clamp, incl. connecting hose	
0CA10-2002	connecting hose length 2,000 mm	
0CA10-9006	nozzle coupling Omniflex (only with extraction arms Omniflex and extraction nozzles 5001/5004)	
0CA10-5001*	extraction nozzle, ø 60 mm, metallic, antistatic	
0CA10-5002	extraction nozzle, round, ø 118 mm, antistatic	
0CA10-5003	extraction nozzle, rectangular, 155 mm x 90 mm, antistatic	
0CA10-5004*	extraction nozzle Plus, 230 mm x 85 mm, transparent	
3CA10-9001	table clamp for EASY ARM 1	
3CA10-9002	table clamp for EASY ARM 2	
0CA10-1001	combined filter, particle filter H13, gas filter activated carbon	
0CA10-1002/04	prefilter, particle filter F7 (4 pcs./packing unit)	
3CA10-2003	interface cable to connect i-CON1 C/2 C, i-CON VARIO 2/4 with fume extraction	
3CA10-2004	standby switch	

* In combination with an Omniflex arm, nozzle coupling Omniflex (0CA10-9006) is required.