

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



Technical highlights:	
■	Efficient 3-stage particle- and gas filter
■	Super silent operation
■	Independent adjustable suction power per arm
■	Optical and acoustical filter exchange status
■	Easy and fast filter exchange – without tools
■	Identical filters for EA1 & EA2
■	Interface to interact with i-CON soldering stations

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

EASY ARM 1 and EASY ARM 2 are based on Ersa's experience of 15 years in this special field.

Two units in one functional design having a high suction power, an efficient filter performance combined with an super silent operation. Two units in one functional design having a high suction power and an efficient filter performance combined with a super silent operation by 110 m³/h volume per exhaust arm. The process fume will be cleaned in 3 stages combined in 2 filters: A pre filter absorb the dust and big particles. The combi filter separates the micro particles which occur during the soldering, the activated carbon filter absorbs dangerous gas molecules.

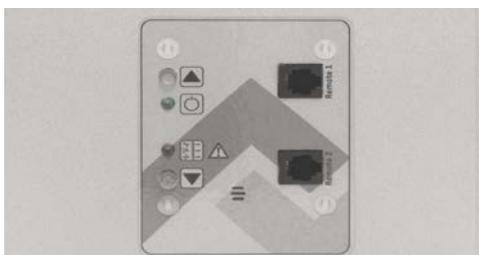
The operator can choose between 1 exhaust arm (EA1) and a unit which can also operate up

to 2 exhaust arms (EA2). These units can be assembled individual by using a table clamp. During use, the power of the present suction can be controlled independently per arm via the control panel. Both systems are using the exact same pre filter and combi filter. The optical and acoustical signals informs about the status of the filter lifetime. A complete set of variable exhaust arms and nozzles are available to reach the working area economically.

To extend the lifetime of the filters and to save energy, both units can be connected via an interface to the Ersa i-CON soldering stations or a separate standby switch. In this case only the needed exhaust is in operation during soldering!



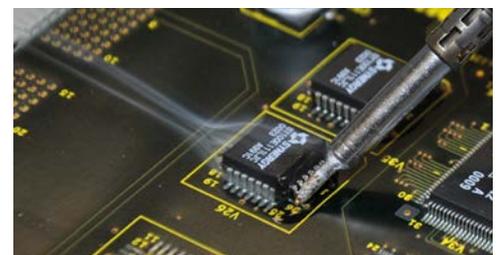
Ersa EASY ARM 1 with exhaust arm Omniflex and exhaust nozzle round



Easy control panel



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



Efficient solder fume extractor direct at the soldering joint

Technical data

	Ersa EASY ARM 1	Ersa EASY ARM 2
Dimensions (L x W x H), incl. inlet:	255 x 255 x 470 mm	490 x 255 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 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:	50 W, 100 – 240 V AC, 50/60 Hz	100 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	OCA10-001	OCA10-002

Ersa soldering stations with interface (optional)

Order number	Description	
OIC1100A0C	Ersa i-CON 1 C electronic temperature-controlled soldering station with interface, antistatic, 230/24 V, 80 W	
OIC2000A0C	Ersa i-CON 2 C electronic temperature-controlled double iron soldering station with interface, antistatic, 230/24 V, 150 W	
OICV2000A (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	
OICV4000A (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	

Subject to changes | 05/2014 © by Ersa GmbH

Accessories and spare parts

Ord. no.	Description	
OCA10-4002	extraction arm Highflex 1,000 mm	
OCA10-4003	extraction arm Omniflex 900 mm	
OCA10-4001	extraction arm with hinge and 700 mm Highflex	
OCA10-4004	extraction arm with hinge and 600 mm Omniflex	
OCA10-2002	connecting hose length 2.0 m	
OCA10-9006	nozzle coupling Omniflex (only with extraction arms Omniflex and extraction nozzles 5001/5004)	
OCA10-5001*	extraction nozzle ø 60 mm, metallic, antistatic	
OCA10-5002	extraction nozzle round, ø 118 mm, antistatic	
OCA10-5003	extraction nozzle rectangular 155 x 90 mm, antistatic	
OCA10-5004*	extraction nozzle plus, 230 x 85 mm, transparent	
3CA10-9001	table clamp for EA 1	
3CA10-9002	table clamp for EA 2	
OCA10-1001	combined filter, particle filter H13, gas filter activated carbon	
OCA10-1002/04	prefilter, particle filter F7 (pu 4 pcs.)	
3CA10-2003	interface cable	
3CA10-2004	standby switch	

* In combination with an Omniflex arm one pcs. OCA10-9006 nozzle coupling Omniflex is required.