

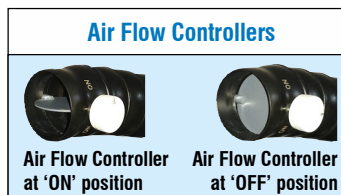
Couple of 100's (in repeat orders) working reliably all over India for the last many years

3-Stage Filters for 99.97% fumes cleaning
Silent operation with low noise < 55 dBA*
Reliable and powerful brushless Turbine
Ready-to-use type, no plumbing required

[Click here to view Video](#)



FumePRO201
Main Extraction
Control Unit



Air Flow Controllers

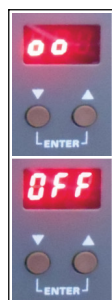
Air Flow Controller
at 'ON' position

Air Flow Controller
at 'OFF' position

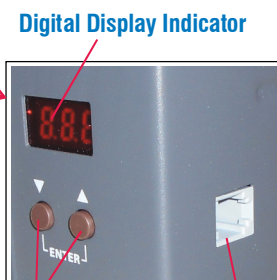


Rigid Gooseneck Arms can
be positioned anywhere on
table and will stay
in same
place

Burn-proof Silicon
Rubber Round Hoods
105mm dia



System Choke Alarm:
When display shows
circular movement
clockwise plus OFF
and system beeps,
it means any of Filters
needs replacement.



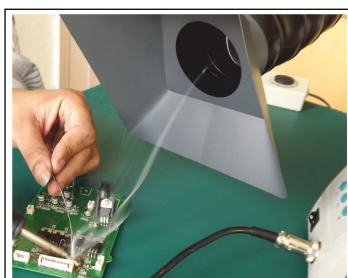
Digital Display Indicator

Airflow
Setting
Switches

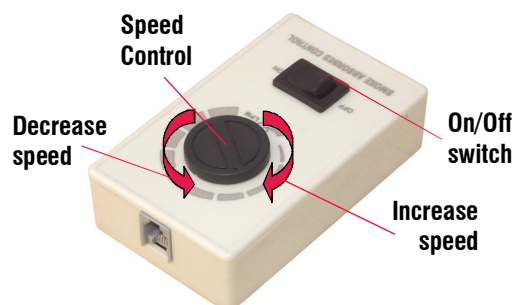
Speed Control
Regulator
Connector

No Plumbing
required just
position on or
under the Table
as needed

Ready-to-use
Complete
Package



Solder fumes extraction during hand soldering on PCB & Solder Pot tinning



Speed Control Regulator

Scope of Supply

- 1x FumePro201 Main Extraction Unit
- 2x Extraction Arms (50mm dia, 1 meter long)
- 2x Silicon Rubber Round Hoods (105mm dia.)
- 2x Air Flow Controllers
- 1x Speed Control Regulator
- 2x Spare Pre-Filters

Specifications

- Input Power Supply : 230V/50Hz, 250W
- No of Workplaces : 2
- Stationary Pressure : 3000 Pa
- Maximum Airflow Rate : 240m³/h
- Filtering Efficiency (0.3um) : 99.97%
- Noise Level : <55dB*
- Dimension (LxWxH) (approx) : 470x230x500mm

* at distance of 1 meter & also at typical speed of turbine

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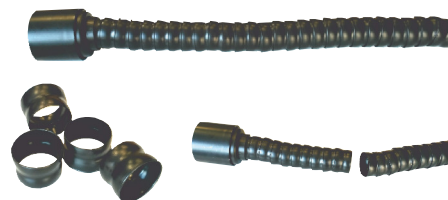
Warranty is 12 months from the date of invoice. It excludes all consumable parts as Filters, Extraction Arms and Hoods

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Features

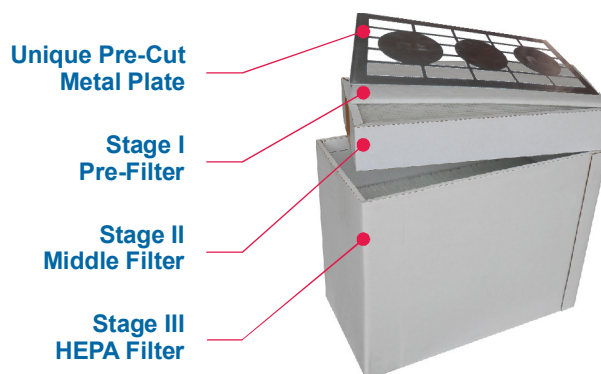
- Hassle-free easy-to-start operation with all inclusive kit supplied
- Easy-to-manoeuvre positioning of Fumes Extraction Arms
- Reliable & virtually maintenance-free Brushless DC Turbine
- Has low noise (< 55 dBA) in operation continuous running
- Filters design removes hazardous gaseous/adhesive substances from fumes.
- Low running cost as normally low cost Pre-Filter mainly need replacement periodically as and when there is choking of fumes extraction.
- Readily availability of all spare parts from stock



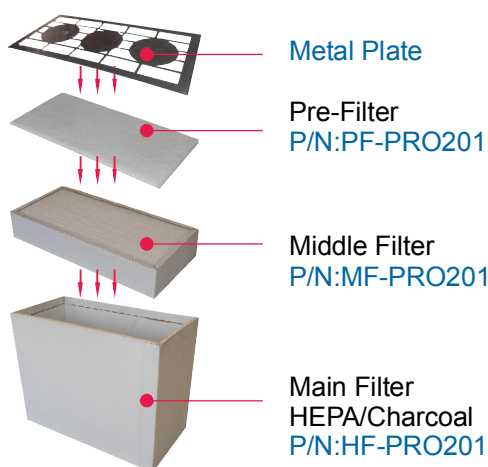
Length of the Extraction Arm is easily adjustable, as this is made from press-fit type small sections which are easily adjustable in length by selection of these sections as per required length.

FumePRO201-50LC is a reliable and really effective volume extraction type 2-operators ready-to-use Solder Fume Extraction System. It is designed for continuous and reliable working on production line. Its powerful and maintenance-free brushless turbine combined with electronic speed control, provides clean working environment at low maintenance cost. The electronic Speed Controller regulates air-flow volume continuously.

2-operators ready-to-use Solder Fumes Extraction System Model FumePRO201-50LC is fitted with **3-stage Filters**: Pre-Filter, Middle Filter and HEPA/Charcoal Filter. Combination of these Filters cleans polluted air by separating 99.9% contaminated solder fumes. This System is designed for use both in industrial and laboratory environment. All it needs is mains input Power Supply only.



Details of 3-Stage Filters used in this Fume Extraction System



- **Metal Plate:** Metal Plate on top to increase the life of Filters
- **Stage I Pre-Filter (F7):** The Pre-Filter filters the bigger size particles for prolonging the life of both Middle and Main Filters.
- **Stage II Middle Filter:** It filters coarse size fume particles to prolong life of expensive HEPA/Charcoal Filter
- **Stage III Main HEPA/Charcoal Filter (H13):** This Filter is a combination of HEPA (filters fine size fume particles) and Activated Charcoal (absorbs harmful gas substances) Filters to provide clean air finally.

1. Normally Pre-Filter only needs periodic replacement when there is less suction of fumes.
2. These 3 Filters should never be washed nor should be cleaned with compressed air at all.

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HEPA Filter (High-efficient Filter Paper: Material - Fiberglass)

Refers to Q/320000BXS16-2006 Efficiency and resistance tested by sodium flame			
Item	Test	Specification	Test results
1	Appearance	White and even	White and even
2	Thickness: mm	0.32-0.34	0.33
3	Gram weight: g/m ²	/	75.8
4	Strength: KN/m	≥1.2 (Portrait)	1.33
		≥0.5 (Lateral)	0.724
5	Efficiency: 0.321/min.c m ²	≥98 (0.3μm)	99.97 (0.3μm)
6	Resistance: 0.321/min.c m ²	≤220	196
7	Stiffness: Mn.m	≥1.2	1.55

Middle Filter (Middle Filter Paper: Material - Fiberglass)

Refers to Q/320000BXS16-2006 Efficiency and resistance tested by sodium flame			
Item	Test	Specification	Test results
1	Appearance	White and even	White and even
2	Thickness: mm	0.32-0.34	0.34
3	Gram weight: g/m ²	/	69.7
4	Strength: KN/m	≥1.2 (Portrait)	1.44
		≥0.5 (Lateral)	0.733
5	Efficiency: 0.321/min.c m ²	≥60	66.67
6	Resistance: 0.321/min.c m ²	30-40	36
7	Stiffness: Mn.m	≥1.2	1.75

Pre-Filter (Filter Material - Polypropylene)

Item	Gram per square meter: g/m ²	Free state thickness: mm	Filter speed: m/s	Initial resistance: Pa	Artificial dust efficiency: %	Dust capacity: g/m ²
1	350	5-6	1	323	78	110

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SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
1	ABB Ltd., Bangalore	9	43	Ericsson India Pvt. Ltd., Jaipur	2
2	ABB Global Industries & Services Pvt. Ltd., Bangalore	1	44	EL GI Rubber Co. Ltd., Coimbatore	1
3	ACE Manufacturing Systems Ltd., Bangalore	5	45	F.J.Tech. Pvt. Ltd., Bangalore	3
4	ADS Sensortechnik Pvt. Ltd., Bangalore	1	46	Flextronics Tech (I) Pvt. Ltd., Kanchipuram	37
5	Airtech Enterprises, New Delhi	2	47	Fokkar Elmo Sasmos Interconnection Sys. Ltd., Bangalore	1
6	Alstrut India Private Limited, Chennai	1	48	Gallium Arsenide Enabling Technology Centre, Hyderabad	3
7	Amphenol Omniconnect India Pvt. Ltd., Tamilnadu	3	49	Gamesa Renewable Pvt. Ltd.-Chennai	1
8	Anicad Systems, Bangalore	5	50	Genus Power Infrastructures Ltd., Jaipur	32
9	Apex Electronics, Hyderabad	5	51	Genus Power Infrastructures Ltd., Haridwar	10
10	Army Base Workshop, Agra	28	52	Genus Power Infrastructures Ltd., Guwahati	3
11	Arya Electronics, Trivandrum	1	53	Goodrich Aerospace Services Pvt. Ltd., Bangalore	90
12	Astra Microwave Products Ltd., Telangana	4	54	Hanning Motors Pvt.Ltd., Vadodara	1
13	Atlantic Maritime Services Pvt. Ltd., Mumbai	1	55	HCL Technologies Ltd., Chennai	2
14	Aviohelitronics Systems Pvt. Ltd., Bangalore	1	56	Hella India Automotive Pvt. Ltd., Gurgaon	1
15	Balaji Sales, Indore	1	57	Hindustan Aeronautics Ltd., Hyderabad	46
16	Bharat Electronics Ltd., Jalahalli, Bangalore	226	58	Hindustan Aeronautics Ltd., Korwa	6
17	Bharat Electronics Ltd., CRL, Bangalore	3	59	Honeywell Technology Solutions Lab. Pvt. Ltd., Bangalore	11
18	Bharat Electronics Ltd., Ghaziabad	6	60	Honeywell Technology Solutions Lab. Pvt. Ltd., Madurai	2
19	Bharat Electronics Ltd., Machilipatam	2	61	Honoch Automotive Pvt. Ltd., Cochin	2
20	Bharat Electronics Ltd., Taloja, Navi Mumbai	2	62	IJPN Technologies (I) Pvt. Ltd., Pinjore	10
21	Bharat Electronics Ltd., Pune	18	63	Inductotherm (India) Pvt. Ltd., Ahemdabad	1
22	Bharatiya Reserve Bank Note Mudran Ltd., Mysore	2	64	Intellic Systems, Bengaluru	1
23	Bhavyabhanu Electronics (P) Ltd., Hyderabad	4	65	ISRO Inertial Systems Unit, Trivandrum	15
24	Bloom Energy India Pvt. Ltd., Bangalore	2	66	ISRO Satellite Centre, Bangalore	3
25	Blue Chip Electronics, Secunderabad	37	67	ITI Ltd., Palakkad	6
26	BPL Medical Technologies Ltd., Palakkad	1	68	Jay Cee & Company, New Delhi	1
27	BTL India Pvt. Ltd., Bangalore	1	69	JNS Instruments Limited, Gurgaon	3
28	Buffalo Grid Private Ltd., New Delhi	1	70	Kaynes Technology India Pvt. Ltd., Manesar	1
29	CET Power Solutions India Pvt. Ltd., Chennai	3	71	Kent RO System Ltd., Roorkee	3
30	Centum Electronics Ltd., Bangalore	5	72	Kent RO System Ltd., Noida	4
31	Chara Technologies, Chennai	1	73	Keltron Electro Ceramics Ltd., Kuttipuram (Kerala)	2
32	Continental Automotive Comp. (I) Pvt. Ltd., Bangalore	1	74	KELTRON, Thiruvananthapuram	43
33	Cyient DLM Private Ltd., Mandya	7	75	Landis Gyr Ltd., Kolkata	1
34	Danfoss Industries Pvt. Ltd., Chennai	1	76	Larsen & Turbo Ltd., Mysore	7
35	Danlaw Electronics Assembly Ltd., Goa	2	77	Larsen & Turbo Ltd., Mumbai	2
36	Deptt. of Atomic Energy, Chennai	1	78	Larsen & Turbo Ltd., Bangalore	3
37	Dhiman Associated, Chandigarh	1	79	L&T Technology Services Ltd., Bangalore	1
38	Divine Techno Engineers, Vadodara	13	80	Liquid Propulsion Systems Centre, Trivandrum	6
39	EFD Induction Pvt. Ltd., Bangalore	2	81	Lupin Ltd., Pune	1
40	Effee Induction Pvt. Ltd., Bangalore	1	82	Luwa India Pvt. Ltd., Bangalore	1
41	Efftronics Systems Pvt. Ltd., Vijayawada	1	83	Marathon Electric India Pvt. Ltd., Faridabad	2
42	Epcos India Pvt. Ltd., Nashik	1	84	Marquardt India Pvt. Ltd., Pune	1

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85	Mediatek India Technologies Pvt. Ltd., Noida	1	127	Sieko-Maracia Electricals Mfg. (I) Pvt. Ltd. Chennai	1
86	Mersen India Private Limited, Bangalore	14	128	Siemens Ltd., Aurangabad	1
87	Motherson Sumi System Limited., Noida	1	129	Sigma Microsystems Pvt. Ltd.	1
88	Microchip Technology India Pvt. Ltd., Chennai	1	130	Sigma Freudenberg NOK Pvt. Ltd., Basmah/Mohali	2
89	Molex India Pvt. Ltd., Bangalore	21	131	SLN Technologies Pvt. Ltd., Bangalore	1
90	Molex India Business Services Pvt. Ltd., Bangalore	2	132	Smash Electronics, Pune	1
91	Mr. Bhatia, Mumbai	1	133	Songrow Developers India Pvt. Ltd., Bangalore	1
92	NR Oils, Halol, Gujarat	1	134	SMC Pneumatic (India) Pvt. Ltd., Bangalore	1
93	Muffalddal Tool & Hardware, Bangalore	2	135	Space Application Centre, Ahmedabad	3
94	Multilink, Mysore	4	136	Spectrum Infotech Private Limited, Bangalore	2
95	Narayana Hrudayalaya Ltd., Bangalore	3	137	Stead Fast Engineers Pvt. Ltd., Faridabad	6
96	National Atmospheric Research Laboratory, Godanki	1	138	Stellar Information Technology Pvt. Ltd., Gurgaon	1
97	Nuclear Power Corporation of India Ltd.	2	139	Success Solutions, Nashik	1
98	Nucon Aerospace Pvt. Ltd., Telangana	1	140	Suprajit Engineering Limited, Bangalore	1
99	Ordnance Cable Factory, Chandigarh	14	141	Synergy Enterprises, Chandigarh	24
100	Panasonic India Private Ltd., Gurgaon	1	142	Syrma Technology Pvt. Ltd., Chennai	14
101	Payal Mechanical & Engineering Works, Chandigarh	26	143	System Control Technology Solution (P) Ltd., Bangalore	1
102	PICL (India) Pvt. Ltd., Faridabad	5	144	SVS Industries	1
103	PVR Control, Mumbai	3	145	Tata Power Company Limited, Bangalore	1
104	Raja Ramanna Centre for Advanced Technology, Indore	1	146	TE Connectivity India Pvt. Ltd., Bangalore	2
105	Rajshree Electro Systems, Thane	12	147	Texas Instruments (I) Pvt. Ltd., Bangalore	1
106	Rama Exports, Mumbai	1	148	Terminal Ballistics Research Laboratory, Chandigarh	1
107	Rangsons Electronics Pvt. Ltd., Mysore	27	149	The Aluminium industries Ltd., Trivandrum	11
108	Raphe MPhibr Pvt. Ltd., Noida	1	150	Titan Industries Ltd., Hosur	3
109	Rcube Technologies, Noida	1	151	Titan Company Ltd., Bangalore	1
110	Refurb Tech. Chennai	1	152	Titan Tyrecare Products Ltd., Coimbatore	1
111	Research Centre Imarat (RCI), Hyderabad	10	153	Toyota Techno Park India Pvt. Ltd., Ramnagar	1
112	Rieter India Pvt. Ltd., Coimbatore	1	154	Tractors & Form Equipment Ltd., Chennai	2
113	Robert Boss Engg. Business Solutions P. Ltd., Bangalore	2	155	Trascon Interconnections Systems Pvt. Ltd., Bangalore	1
114	RP Network System, Bangalore	1	156	Urban Engineering Association Pvt. Ltd., Kolkata	1
115	R. R. Rao Satellite Centre, Bangalore	2	157	Varroc Engg. Pvt. Ltd., Aurangabad	2
116	Rudrapur Repair Centre Schneider Electric, Rudrapur	2	158	Venimadhav Moolchand Suppliers, Kanpur	6
117	Russel TechSys (Division of Russel (I) Ltd.), Bangalore	4	159	V-Guard Industries Ltd., Cochin	1
118	Salzer Electronics Ltd., Coimbatore	1	160	Vikram Sarabhai Space Centre, Thiruvananthapuram	63
119	SAMEER, Chennai	3	161	Zones Corporate Solution Pvt. Ltd.	1
120	Sasmos HET Technologies Pvt. Ltd., Bangalore	10			
121	Schneider Electronic India Pvt. Ltd., Bangalore	1			
122	Schneider Electronic India Pvt. Ltd., Hyderabad	4			
123	Semi-Conductor Laboratory, Mohali	8			
124	Semikron Electronics Pvt. Ltd., Navi Mumbai	2			
125	Shivalik Bimetal Controls Limited, Solan	5			
126	Shree Annapurna Enterprises, Bangalore	1			

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