

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

**3-Stage Filters for 99.97% cleaning**  
**Silent operation with noise < 65 dBA**  
**Reliable & powerful brushless turbine**  
**Ready-to-use, no plumbing required**



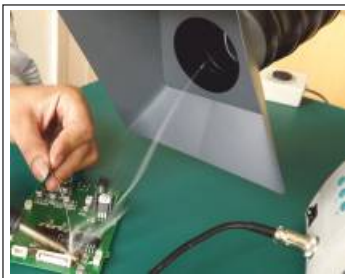
FumePRO 201  
Main  
Extraction  
Control  
Unit

Digital Display Indicator



Work Time Set Mode

- **Main Filter Indicator:** LED display of the system gives an indication when the Main Filter needs replacement.
- **System Choke Alarm:** The System alarms when the hose or extraction arms need cleaning.
- **Work Period Setting:** According to volume of solder fumes, working period can be set. If the main filter is jammed or exceeds time, the System will sound an alarm to replace the filters.



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

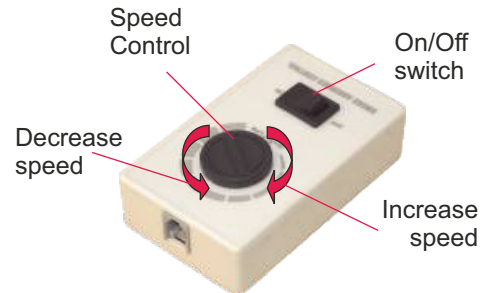
Burn-proof type Fume Absorbers

No Plumbing required  
Just position on the Table as needed



**Ready-to-use  
Complete  
Package**

**No Plumbing  
required**



Speed Control Regulator

### Scope of Supply

- 1x FumePro201 Main Extraction unit
- 2x Extraction Arms (75mm dia, 1.2 meter long)
- 2x Round Fume Absorbing Hoods
- 1x Speed Control Regulator

### Specifications

- Input Power Supply : 230V/50Hz, 120W
- No of Workplaces : 2
- Stationary Pressure : 2200 Pa
- Maximum Airflow Rate : 320m<sup>3</sup>/h
- Filtering Efficiency (0.3um) : 99.97%
- Noise Level : <65dB
- Dimension (LxWxH) (approx) : 470x230x500mm (7.8 Kg)

shown trademarks are property of their respective owners.

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

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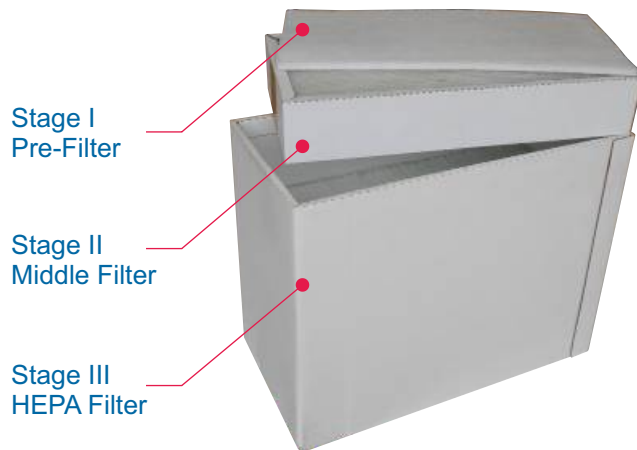
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**Features**

- Hassle free easy-to-start in operation with all inclusive kit
- Easy-to-manoeuvre Fume Extraction Arms position as required.
- High power virtually maintenance-free Brushless DC Turbine generates higher suction
- Has very low noise (< 65 dBA) in operation as compared to other competitors' models.
- Special Filters design removes hazardous gaseous/adhesive substances from fumes.
- Normally low cost Pre Filter only needs periodic replacement when there is choking.
- Quick delivery of all spare parts as we keep enough stocks of the same all the time

FumePRO201-75 is a volume extraction type powerful 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 FumePRO201-75 is fitted with **3-stage Filters:** Pre-Filter, Middle Filter and HEPA 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 the Mains Input Power Supply only.



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

<p>Pre-Filter</p>	<ul style="list-style-type: none"> <li>• <b>Stage I Pre-Filter:</b> The Pre-Filter filters the bigger size particles for prolonging the life of both Middle and Main Filters.</li> </ul>
<p>Middle Filter</p>	<ul style="list-style-type: none"> <li>• <b>Stage II Middle Filter:</b> It filters coarse size fume particles to prolong life of expensive HEPA Filter</li> </ul>
<p>Main HEPA Filter</p>	<ul style="list-style-type: none"> <li>• <b>Stage III Main HEPA Filter:</b> This Filter is of activated charcoal type which absorbs all harmful gas substances to provide clean air finally.</li> </ul>

- 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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**Optional Accessories and Spare Filters at additional Cost**



Set of 2 Flexible Hose Pipes and Table Clamps  
**(if table clamping is required)**

**2 x KCC75-75**



Bench Clamps for Fume Hose 75mm

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**2 x KCN75-75**



Soft Connecting Hose for 75mm Fume Hose



Air Flow Controller at 'ON' position      Air Flow Controller at 'OFF' position

Set of 2 Metallic Square Hood 180x180mm with Air Flow Controller

**2 x KHM2**



Metallic Square Hood 180x180mm

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**2 x KTP75**



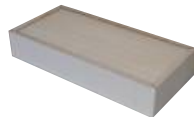
Air Flow Controller

**KFPS-6100**



Spare Pre-Filter

**KFMS-6100**



Spare Middle Filter

**KFA1-02-102**



Spare Main Filter

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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 <sup>2</sup>	/	75.8
4	Strength: KN/m	≥1.2 (Portrait)	1.33
		≥0.5 (Lateral)	0.724
5	Efficiency: 0.321/min.c m <sup>2</sup>	≥98 (0.3um)	99.97 (0.3um)
6	Resistance: 0.321/min.c m <sup>2</sup>	≤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 <sup>2</sup>	/	69.7
4	Strength: KN/m	≥1.2 (Portrait)	1.44
		≥0.5 (Lateral)	0.733
5	Efficiency: 0.321/min.c m <sup>2</sup>	≥60	66.67
6	Resistance: 0.321/min.c m <sup>2</sup>	30-40	36
7	Stiffness: Mn.m	≥1.2	1.75

**Pre-Filter (Filter Material - polypropylene)**

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

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### Few Supply References for Model FumePRO201

S.No.	Custmer Name	Date of Sale	Qty
1	<b>ABB Ltd.-Bangalore</b>	19.05.2011	1
	ABB Ltd.-Bangalore	31.10.2014	2
2	<b>Amphenol Omniconnect India Pvt. Ltd.</b>	21.02.2014	1
3	<b>Aviohelitronics Systems Pvt. Ltd.-Bangalore</b>	07.02.2014	1
4	<b>Bharat Electronics Ltd., Jalahalli, Bangalore</b>	22.11.2010	10
	Bharat Electronics Ltd., Jalahalli, Bangalore	05.12.2011	5
	Bharat Electronics Ltd., Jalahalli, Bangalore	02.05.2012	2
	Bharat Electronics Ltd., Jalahalli, Bangalore	19.05.2012	4
	Bharat Electronics Ltd., Jalahalli, Bangalore	27.06.2012	4
	Bharat Electronics Ltd., Jalahalli, Bangalore	06.03.2013	10
	Bharat Electronics Ltd., Jalahalli, Bangalore	13.03.2013	24
	Bharat Electronics Ltd., Jalahalli, Bangalore	30.04.2013	14
	Bharat Electronics Ltd., Jalahalli, Bangalore	01.08.2013	4
	Bharat Electronics Ltd., Jalahalli, Bangalore	24.04.2014	2
	Bharat Electronics Ltd., Jalahalli, Bangalore	26.04.2014	4
	Bharat Electronics Ltd., Jalahalli, Bangalore	13.03.2014	10
5	<b>Bharat Electronics Ltd., CRL, Bangalore</b>	06.05.2013	3
6	<b>Bharatiya Reserve Bank Note Mudran Ltd.-Mysore</b>	08.03.2014	2
7	<b>Bloom Energy India Pvt. Ltd.-Bangalore</b>	26.06.2014	2
8	<b>Bharat Electronics Ltd., Pashan, Pune</b>	09.07.2014	2
9	<b>Blue Chip Electronics-Secunderabad</b>	13.02.2014	1
	Blue Chip Electronics-Secunderabad	10.05.2014	1
	Blue Chip Electronics-Secunderabad	06.06.2014	1
	Blue Chip Electronics-Secunderabad	09.06.2014	5
	Blue Chip Electronics-Secunderabad	25.07.2014	4
	Blue Chip Electronics-Secunderabad	21.05.2012	6
	Blue Chip Electronics-Secunderabad	27.08.2012	6
10	<b>CET Power Solutions India Pvt. Ltd.-Chennai</b>	1308.2014	1
11	<b>Danfoss Industries Pvt. Ltd.-Chennai</b>	07.03.2013	1
12	<b>Divine Techno Engineers -Vadodra</b>	30.09.2014	2
	Divine Techno Engineers -Vadodra	14.08.2014	1
13	<b>Ericsson India Pvt. Ltd.-Jaipur</b>	27.04.2012	1
	Ericsson India Pvt. Ltd.-Jaipur	28.07.2012	1

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14	<b>F.J.Tech. Pvt. Ltd.-Bangalore</b>	04.03.2011	1
	F.J.Tech. Pvt. Ltd.-Bangalore	05.10.2013	1
	F.J.Tech. Pvt. Ltd.-Bangalore	05.10.2013	1
15	<b>Goodrich Areospace Services Pvt. Ltd.</b>	02.01.2014	1
	Goodrich Areospace Services Pvt. Ltd.	03.04.2013	2
	Goodrich Areospace Services Pvt. Ltd.	08.08.2013	1
	Goodrich Areospace Services Pvt. Ltd.	20.12.2013	3
	Goodrich Areospace Services Pvt. Ltd.	20.03.2014	5
	Goodrich Areospace Services Pvt. Ltd.	24.04.2014	5
	Goodrich Areospace Services Pvt. Ltd.	24.04.2014	3
	Goodrich Areospace Services Pvt. Ltd.	28.08.2014	1
	Goodrich Areospace Services Pvt. Ltd.	24.04.2015	2
	Goodrich Areospace Services Pvt. Ltd.	10.06.2015	2
	Goodrich Areospace Services Pvt. Ltd.	03.07.2012	1
	Goodrich Areospace Services Pvt. Ltd.	11.06.2014	15
	Goodrich Areospace Services Pvt. Ltd.	08.07.2014	4
	Goodrich Areospace Services Pvt. Ltd.	08.07.2014	5
16	<b>HCL Technologies Ltd-Chennai</b>	16.12.2010	2
17	<b>Hindustan Areonautics Ltd. - Hyderabad</b>	27.08.2014	4
	Hindustan Areonautics Ltd. - Hyderabad	30.10.2014	1
	Hindustan Areonautics Ltd. - Hyderabad	11.03.2015	3
	Hindustan Areonautics Ltd. - Hyderabad	24.04.2015	6
	Hindustan Areonautics Ltd. - Hyderabad	14.02.2013	2
	Hindustan Areonautics Ltd. - Hyderabad	12.05.2011	1
18	<b>Hindustan Areonautics Ltd., Korwa</b>	15.04.2015	6
19	<b>Honeywell Technology Solutions Lab. Pvt. Ltd.-Bangalore</b>	03.10.2012	1
	Honeywell Technology Solutions Lab. Pvt. Ltd.-Bangalore	04.10.2011	1
	Honeywell Technology Solutions Lab. Pvt. Ltd.-Bangalore	02.11.2011	4
	Honeywell Technology Solutions Lab. Pvt. Ltd.-Bangalore	23.11.2011	3
	Honeywell Technology Solutions Lab. Pvt. Ltd.-Bangalore	07.12.2012	1
20	<b>Honeywell Technology Solutions Lab. Pvt. Ltd.-Madurai</b>	16.11.2011	1
	Honeywell Technology Solutions Lab. Pvt. Ltd.-Madurai	16.11.2011	1
21	<b>Inductotherm (India ) Pvt. Ltd-Ahemdabad</b>	25.05.2012	1
22	<b>ISRO Inertial Systems Unit-Trivandrum</b>	02.09.2011	2
	ISRO Inertial Systems Unit-Trivandrum	25.10.2012	2

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	ISRO Inertial Systems Unit-Trivandrum	22.11.2013	4
	ISRO Inertial Systems Unit-Trivandrum	05.02.2015	1
	ISRO Inertial Systems Unit-Trivandrum	15.04.2013	2
	ISRO Inertial Systems Unit-Trivandrum	20.01.2014	2
23	<b>ISRO Satellite Centre -Bangalore</b>	14.09.2013	1
24	<b>ITI Ltd.-Palakkad</b>	26.10.2013	4
	ITI Ltd.-Palakkad	01.03.2011	2
25	<b>Kent Ro System Ltd.-Haridwar</b>	03.04.2014	1
	Kent Ro System Ltd.-Haridwar	11.12.2013	1
	Kent Ro System Ltd.-Haridwar	06.05.2014	1
26	<b>Landis Gyr Ltd.-Kolkata</b>	13.10.2014	1
27	<b>Larsen &amp; Turbo Ltd., -Mysore</b>	13.03.2013	5
	Larsen & Turbo Ltd., -Mysore	04.04.2012	1
	Larsen & Turbo Ltd., -Mysore	04.04.2012	1
28	<b>Larsen &amp; Turbo Ltd., -Mumbai</b>	05.07.2011	2
29	<b>Lupin Ltd.-Pune</b>	24.10.2014	1
30	<b>Luwa India Pvt. Ltd.-Bangalore</b>	24.08.2011	1
31	<b>Microchip Technology India Pvt. Ltd- Chennai</b>	06.02.2014	1
32	<b>Nuclear Power Corporation of India Ltd.</b>	24.10.2014	2
33	<b>Payal Mechanical &amp; Engineering Works-Chandigarh</b>	26.03.2013	6
	Payal Mechanical & Engineering Works-Chandigarh	03.08.2012	1
	Payal Mechanical & Engineering Works-Chandigarh	15.10.2012	9
	Payal Mechanical & Engineering Works-Chandigarh	21.11.2012	10
34	<b>Rajshree Electro Systems -Thane</b>	16.07.2011	2
	Rajshree Electro Systems -Thane	13.05.2013	1
	Rajshree Electro Systems -Thane	14.03.2013	5
	Rajshree Electro Systems -Thane	13.02.2013	2
	Rajshree Electro Systems -Thane	06.10.2014	1
35	<b>Rangsons Electronics Pvt. Ltd-Mysore</b>	30.10.2012	6
	Rangsons Electronics Pvt. Ltd-Mysore	05.12.2012	6
	Rangsons Electronics Pvt. Ltd-Mysore	06.03.2013	6
	Rangsons Electronics Pvt. Ltd-Mysore	03.05.2013	1
	Rangsons Electronics Pvt. Ltd-Mysore	26.11.2014	1
36	<b>Research Centre -IMARAT-Hyderabad</b>	20.12.2013	10
37	<b>Rieter India Pvt. Ltd.-Coimbtor</b>	28.07.2011	1

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39	<b>Semikron Electronics Pvt. Ltd. -Navi Mumbai</b>	02.05.2011	2
40	<b>Sigma Microsystems Pvt. Ltd.</b>	20.03.2015	1
41	<b>Synergy Enterprises -Chandigarh</b>	16.09.2014	1
	Synergy Enterprises -Chandigarh	08.12.2014	1
	Synergy Enterprises -Chandigarh	28.08.2014	21
	Synergy Enterprises -Chandigarh	16.01-2012	1
42	<b>Space Application Centre -Ahemdabad</b>	06.05.2014	3
43	<b>SVS Industries</b>	24.04.2014	1
44	<b>Texas Instrumets (I) Pvt. Ltd.Bangalore</b>	21.11.2012	1
45	<b>Terminal Ballstics Research Lab-Chandigarh</b>	26.04.2014	3
46	<b>Titan Industries Ltd.-Hosur</b>	22.01.2014	1
47	<b>Titan Tyrecare Products Ltd.-Coimbtor</b>	24.04.2013	1
48	<b>Vikram Sarabhai Space Centre-Thiruvanth</b>	16.09.2010	2
	Vikram Sarabhai Space Centre-Thiruvanth	07.03.2011	2
	Vikram Sarabhai Space Centre-Thiruvanth	27.06.2012	2
	Vikram Sarabhai Space Centre-Thiruvanth	02.01.2013	2
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	Vikram Sarabhai Space Centre-Thiruvanth	12.09.2013	3
	Vikram Sarabhai Space Centre-Thiruvanth	17.09.2013	5
	Vikram Sarabhai Space Centre-Thiruvanth	08.02.2011	1
49	<b>Zones Corpoate Solution Pvt. Ltd.</b>	20.12.2014	1