





	Filter Type	Filter Name	Filtered Objects	Functions
Filter	Pre-Filter (Sandstorm Filter)	Anti-fungal coating	Mildew	Damp smell/ basement smell
		Dust	Big dust	Dog hair/ carpet/ sofa/ rug
		Anti-Bacteria coating	Bacteria	Foot fungus etc.
	Plasma Photo Catalyst (Smoke Filter)	Plasma Dust Collecting	Dust	Remove + ion in the air
		Plasma deodorization	Smell	Remove smell molecule (smoking)
		Photo catalyst anti-bacteria	Bacteria	Disassemble bacteria
		Photo catalyst deodorization	Smell	Disassemble bad smell molecule (smoking)
	Allergy	Allergen Filter	Allergen	Allergy Germ/ Mite dead body/ Animal hair pollen
	HEPA Filter (Fine Dust)	Nano Silver Sterilization coating	Bacteria	Bacteria/Virus/Mold
		Hepa Filter	Fine dust	Yellow sand/ Fine dust particles/ Smoke (Removing 99.97% fine dust more than 0.3µm)
	Deodorization Filter	Carbon Filter	Deodorization	Filtering Smoking odor/ living food waste/ animal's fur odor/ No2/ Toilet odor/ Alcohole & Acidic odor/ VOCs/ Exhausts
		Bio enzyme Filter		Harmful(Toxic) chemical materials/ VOCs (New house syndrome)/ Zylene, Toluen, Benzene
Platinum Filter				
Healthcare System	Nano-Silver Anti-bacteria case	Anti-bacteria coating	Protect bacteria's breeding	
	Nano-Silver Anti-bacteria Fan	Anti-bacteria coating	Protect bacteria's breeding	
	Anion (- mode)	- ion	Release - ion to the air (Fresh air like forest)	
	NPI Sterilizer (+/- mode)	+ / - ion	Sterilizing +/- ion release to the air removing Influenza/Bateria/virus/mold	

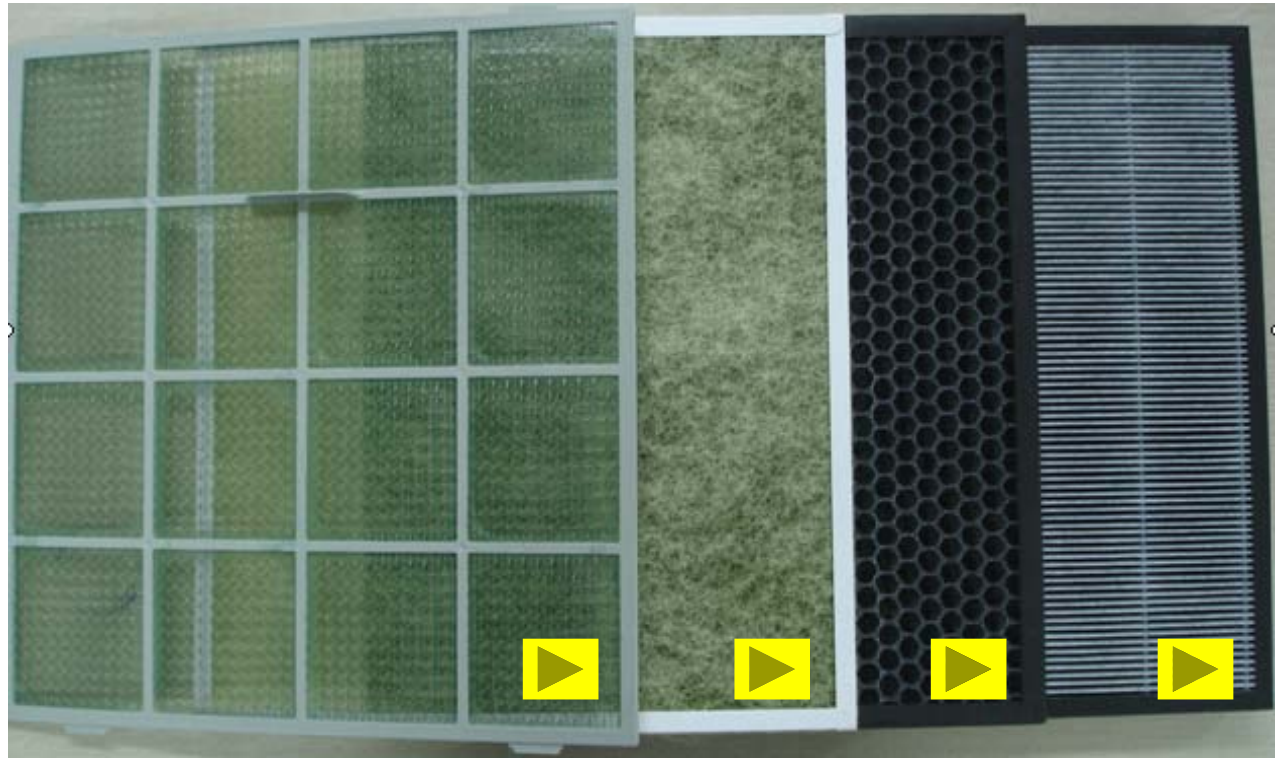
Contents

- 1. N-Tool 
- 2. S-Tool 
- 3. T-Tool 
- 4. U-Tool 
- 5. P-Tool 

N-Tool Filter



(PS-N550WP)



<Pre-Filter>

<Allergy-Filter>

<De-odor Filter>

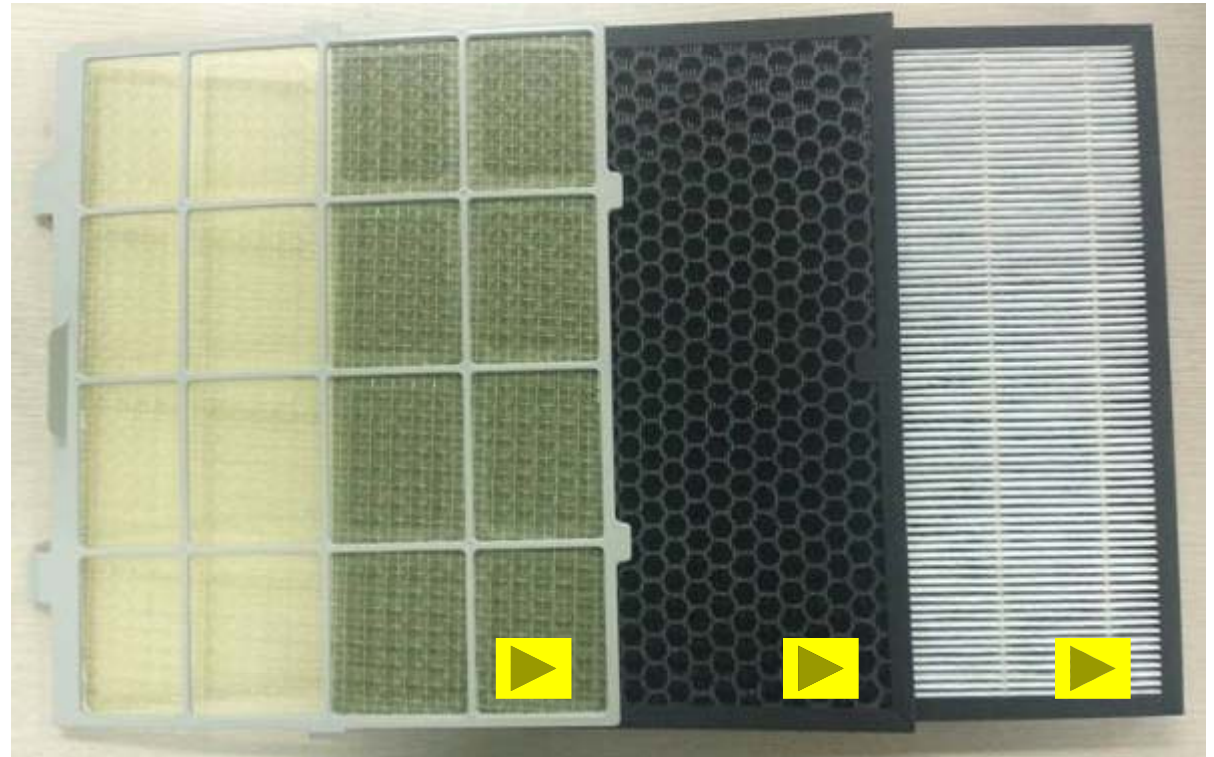
<HEPA-Filter>



S-Tool Filter



(PS-S200WC)



<Pre-Filter>

<De-odor Filter>

<HEPA-Filter>



T-Tool Filter

Blackhole



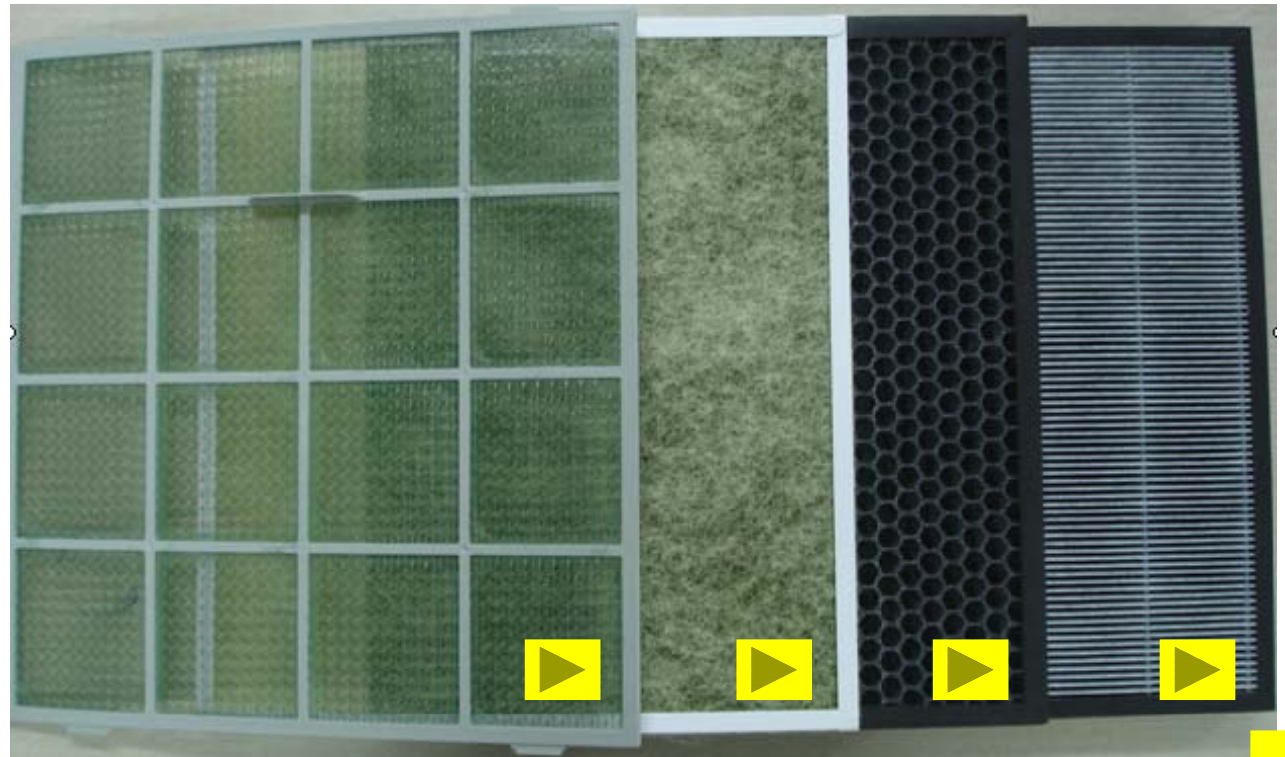
(PS-T450WN)



← Filter Front



Filter back →



<Pre-Filter>

<Allergy-Filter>

<De-odor Filter>

<HEPA-Filter>



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U-Tool Filter

AQUA



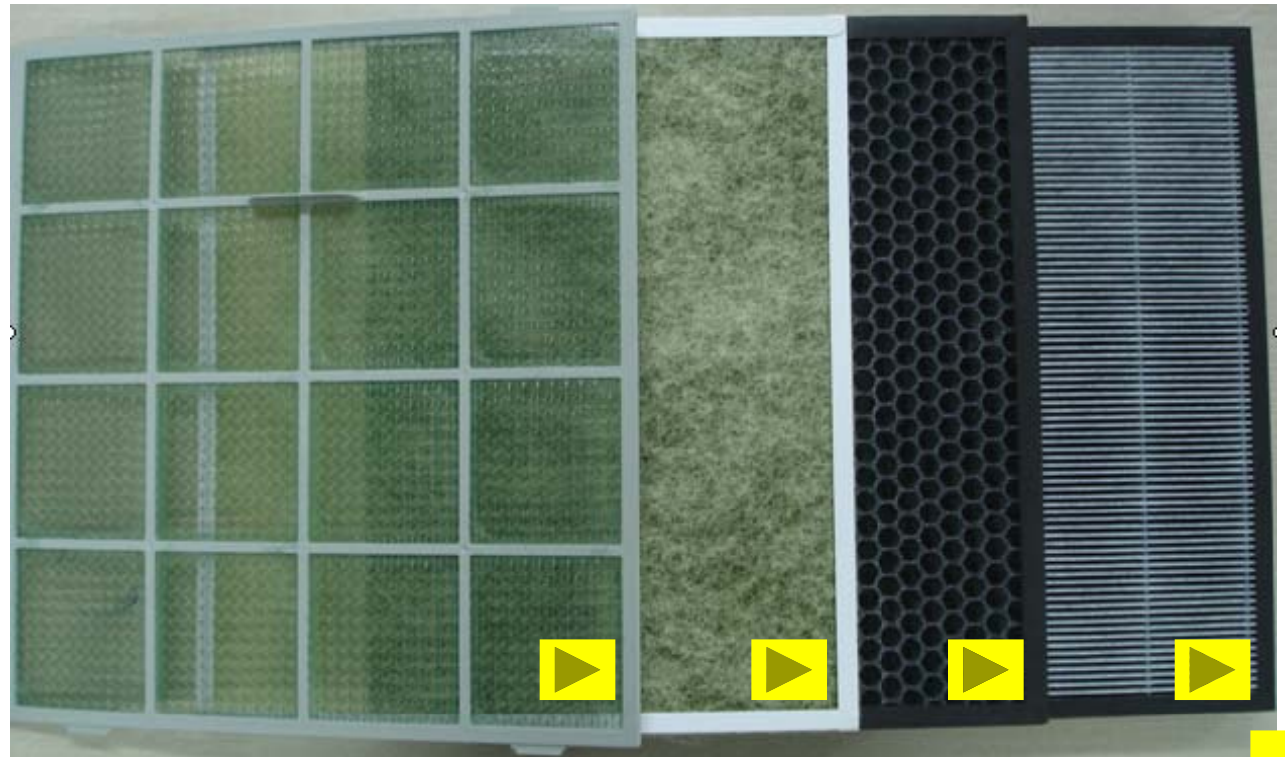
(PH-U450WN)



← Filter Front



Filter back →



<Pre-Filter> <Allergy-Filter> <De-odor Filter> <HEPA-Filter>



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P-Tool Filter



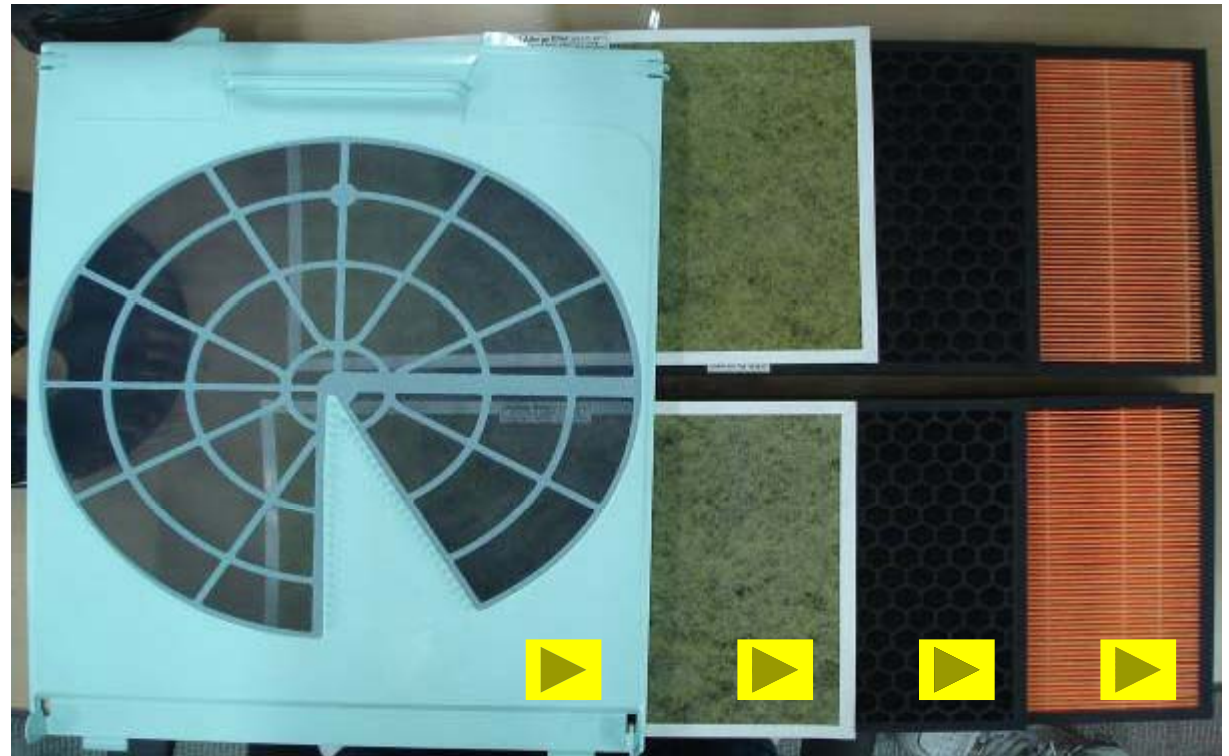
(PS-P800WN)



← Filter Front



Filter Back →



<Pre-Filter> <Allergy-Filter> <De-odor Filter> <HEPA-Filter>

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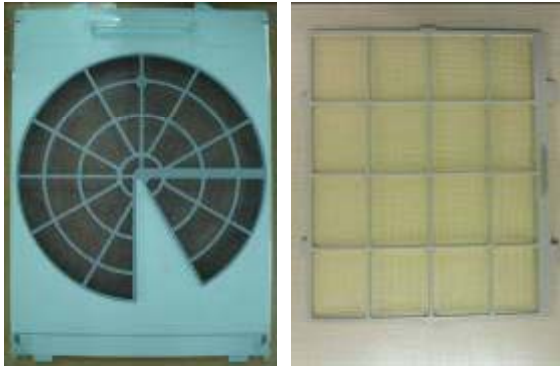
همراه با 3010

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Filter Certification

PRE - FILTER





P-Tool

S-Tool



N, T, U-Tool

TELEPHONE 066406 4782 8887
 FAX 066406 4782 8888

JAPAN SPINNERS INSPECTING FOUNDATION ORIGINAL
 18-15, 1-CHOME, UE-MACHI CHUO,
 OSAKA, 540-0005 JAPAN

TEST CERTIFICATE

Test No. JSIF- 021986-2
 DATE : Oct. 17, 2005

Applicant : INNO FILTECH CO.,LTD
 Test sample : PRE FILTER

Test item : The test of the antibacterial efficacy

Test bacteria : *Staphylococcus aureus* ATCC 6538P
 Test method : JIS L 1902 Quantitative test
 Measurement of number of living bacteria : Pour plate method

Test results:

The number of inoculated bacteria [A]	2.2×10^7	log A	4.4
The number of inoculated bacteria in untreated control sample after 18h incubation [B]	6.8×10^7	log B	6.8

Test sample	The number of the bacteria in test sample after 18h incubation [C]	log C	log A-log C	log B-log C
PRE FILTER	< 2.0	1.0	3.4	5.8



* The surface active surfactant (Tween80 0.05%) was added to the solution of the test bacteria.
 * Water-repellent was admitted on the sample.

The standard value of evaluation for the antibacterial efficacy
 $\log B - \log C \geq 2.0$

JAPAN SPINNERS INSPECTING FOUNDATION
 Supervised by *N. Kawata*

Notice — The report applies only to sample tested and not to the lot.

Pre filter Anti-Bacteria Test report Japan

TELEPHONE 066406 4782 8887
 FAX 066406 4782 8888

JAPAN SPINNERS INSPECTING FOUNDATION ORIGINAL
 18-15, 1-CHOME, UE-MACHI CHUO,
 OSAKA, 540-0005 JAPAN

TEST CERTIFICATE

Test No. JSIF- 021986-3
 DATE : Oct. 28, 2005

Applicant : INNO FILTECH CO.,LTD
 Test sample : PRE FILTER

Test item : Method of test for fungus resistance
 Test method : JIS Z 2911 / Textiles wet method

Test sample was placed on the surface of Inorganic Salt Agar plate and inoculated for the suspension of the mixture spore of 4 kind fungus.
 It was incubated at $28 \pm 2^\circ\text{C}$ for 14days and observed in the degree of growth.

Test fungus : *Aspergillus niger* ATCC 6275
Penicillium citrinum ATCC 9849
Chaetomium globosum ATCC 6205
Ahrobotecton ferrugineum ATCC 9095

Test results:

Test sample	Indication : fungus resistance
PRE FILTER	0

Indication :
 0 The test fungus did not grow up
 1 The test fungus grew up not exceeding 1/3 area of test sample surface
 2 The test fungus grew up over 1/3 area of test sample surface

JAPAN SPINNERS INSPECTING FOUNDATION
 Supervised by *N. Kawata*

Notice — The report applies only to sample tested and not to the lot.

Pre filter Anti-Bacteria Test report Japan




Filter Certification

ALLERGY FILTER



P-Tool


N, T, U-Tool


CERTIFICATE AUBURN UNIVERSITY

This is to certify that
LG Electronics Inc.
 Have been awarded the Auburn University
 Certification for the removal of House Dust
 Mite and Bacteria for their product

Test Result

	Salmonella	Campylobacter	Dust mist allergen
# of Control	344	117	-
# of Treat	7	22	-
Red. Rate	98.0%	81.2%	96.1%

AUBURN UNIVERSITY
 By: 
 C. Michael Moriarty
 Associate Provost and Vice President for Research
 Auburn University
 Date : 8th October 2007
CONTRACTS & GRANTS ACCOUNTING, 203 SAMFORD HALL, AUBURN UNIVERSITY ALABAMA 36849

Allergy & Anti-Bacteria Certification

BAF Certification



**SEAL OF APPROVAL
 CERTIFICATE**

This is to certify that
LG Electronics UK Limited
 Have been awarded the British Allergy Foundation
 Seal of Approval for the removal of House Dust Mite and Mould
 for their product.

Air Purifiers

Market:	Model No's:
Global	PS-M550WP
Taipei	PS-M550RP
Global	PS-N550WP/BP
Korea	LA-M131DS/DW
Korea	LA-N131DR/DS

Signed: 
 Muriel Simmons, Chief Executive
 Date: 8th June 2008







Filter Certification

Deodorization FILTER



P-Tool

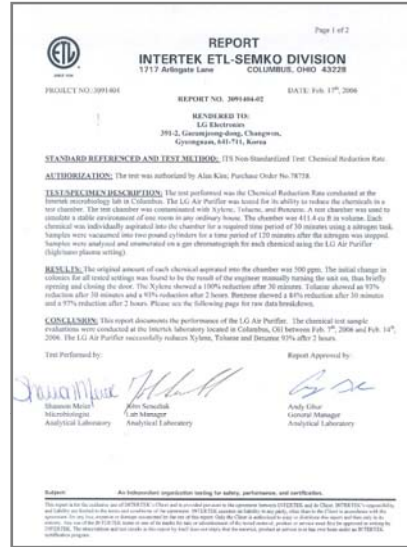


S-Tool



N, T, U-Tool

USA ITS Report



USA ITS Report



시험성적서	시험성적서	시험성적서	시험성적서
<p>시험목적: 벤젠 (Benzene) 농도 측정</p> <p>시험방법: 화학적 환원법</p> <p>시험결과: 벤젠 농도 97% 감소</p>	<p>시험목적: 톨루엔 (Toluene) 농도 측정</p> <p>시험방법: 화학적 환원법</p> <p>시험결과: 톨루엔 농도 97% 감소</p>	<p>시험목적: 자일렌 (Xylene) 농도 측정</p> <p>시험방법: 화학적 환원법</p> <p>시험결과: 자일렌 농도 97% 감소</p>	<p>시험목적: 포름알데히드 (Formaldehyde) 농도 측정</p> <p>시험방법: 화학적 환원법</p> <p>시험결과: 포름알데히드 농도 97% 감소</p>

<Benzene>

<Zylene>

<Toluen>

<formaldehyde>



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Filter Certification

HEPA - FILTER

Sterilization HEPA Test-report Japan/ Vietnam



Washable HEPA filter Sterilization Test report Japan

Platinum-Inside Test-report Korea

Japan Kitazato H1N1 test report



P-Tool



S-Tool



N, T, U-Tool



P-Tool



Filter Certification

HEPA – FILTER (P-Tool)

ktl 한국산업기술시험원
Korea Testing Lab. (KTL)

시험서 번호 : 10-1431-1E
종 2 페이지 중 1 페이지

시험 성적서

1. 신청처
 피사명 : 열저온사(주)
 주소 : 경남 창원시 기림동 391-2

2. 시험종류
 품명 : 공기정화기
 모델/형식 : LA-P2100
 제조사 : 열저온사(주)

3. 시험규격/방법 : KOA 5C 102

4. 시험결과 : 전부 합격

5. 시험서 용도 : 출성관리용

6. 접수 일자 : 2010.05.15

7. 발급 일자 : 2010.04.02

시험자 : [Signature] 승인자 : [Signature]
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 227048-02

ktl 한국산업기술시험원
Korea Testing Lab. (KTL)


시험서 번호 : 10-1431-1E
종 2 페이지 중 2 페이지

시험 결과

1. 무응답에 적기정동지부
 1) 시험결과

항목	시험결과	비고
시험서	합격	09.8%

2. 기이주(모델: LA-P2100)



※ 시험결과 사진 >

KTL Sterilization approval

