



LEADING – TRENDS

APPLIED TECHNOLOGY CORP.

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P.1

AOP22S Instruction manual of maintain & test tools

Researcher : T.K Chang Issue : 15th Sep. 2009 Revise :

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1. Tools list (please review below Photos) :



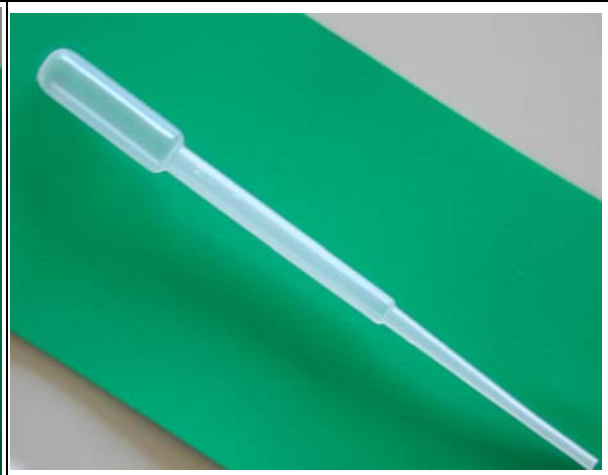
1.1 AOP Sludge/Foam cleaning scoop



1.2 Contamination test paper



1.3 PE Bottle 100CC



1.4 PE Straw 3CC

P.2

2. Operation instruction

2.1 AOP-22S Sludge/Foam cleaning scoop

2.1.1 **AOP-22S Molten liquid** would absorbing oxides 、impurities of metals & residues of flux.

Which **make it turn to sludge/foam shape and floating above molten AOP liquid,**
These sludge/foam should be clean every shift for best absorbability efficiency ◦

2.1.2 **Gathering sludge/foam to a wider area by scrubber , than push into scoop ◦**

2.1.3 When **sludge/foam inside scoop full** , dump into paper caton or container at once ◦

2.1.4 Repeat above two steps, until most of sludge takes out ◦

2.1.5 **Add 1 ~ 2 kg AOP powder onto out-side Fixture area** to renew AOP liquid layer ◦



2.1.1 A solder surface **without AOP**



2.1.2 A scoop is cleaning sludge/foam




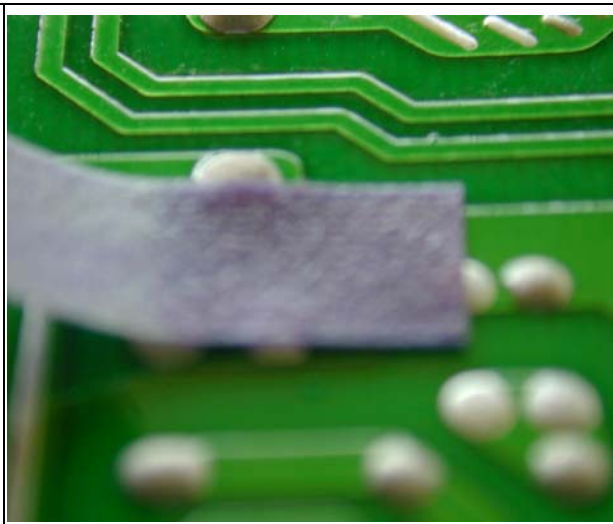
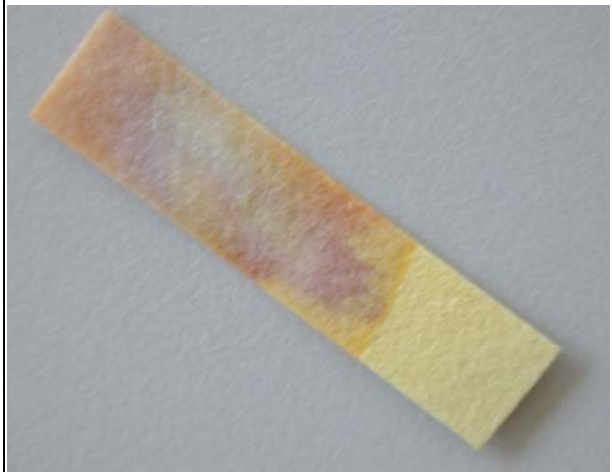

2.1.3 A solder-pot applied AOP-22S



2.1.4 AOP-22S Commercial package

2.2 Welt PCB contamination, IPQC inspection.

- 2.2.1 Fill **PE bottle of city water around 80%** , Suck city water by **PE straw from the bottle.**
- 2.2.2 Take a welt PCB from soldering machine , Squeeze PE straw and makes 3 drops of city water attach welt plane for 60 seconds ◦
- 2.2.3 Take **a piece of test paper and touch wet spot of the PCB** , **Compare colors with below reference standard** and judging whether PCB contaminate or not?

	
<p>2.2.1 PE Straw drip 3 drops water on PCB</p>	<p>2.2.2 Test paper attach PCB wet area</p>
	
<p>2.2.3 Test paper contaminated – REJECT</p>	<p>2.2.4 Test paper clean – PASS</p>