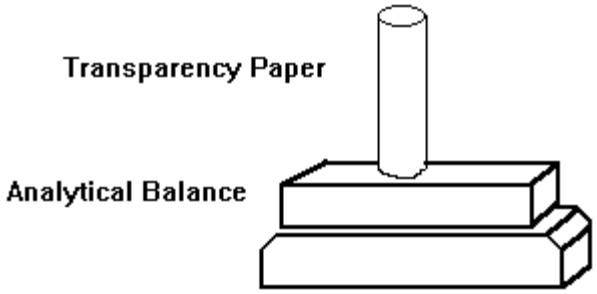
Method for Determining the Deposition Rate of Spray Fluxers

Procedure

1. Take a sheet of transparency film for copy machines.
2. Roll up the film and put a rubber band around it.
3. Weigh the paper on an analytical balance. Weigh to the nearest 0.0001 grams.
4. Unroll the film and affix it to the bottom of a board using paper clips.
5. Run the board through the fluxer and remove to dry.
6. After drying (15-30 min.) look at the paper. Look for anomalies in the spray pattern.
7. Reweigh the paper and rubber band (1,000,000 micrograms per gram).
8. Calculate the weight of flux in micrograms per in^2 (remember to subtract the weight of the paper and rubber band).
   $\frac{\text{Wt of flux in micrograms}}{\text{Paper is 88 } in^2} = X \text{ micrograms}/in^2$
9. Minimum value is 700 micrograms/in^2
10. Recommended value is 1000 micrograms/in^2



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