DIRECT PLATING SYSTEM
DP CLEANER CONDITIONER

INTRODUCTION

DP cleaner conditioner is formulated to clean the PCB surface including the through holes inner surfaces and to condition the epoxy-fiberglass to make it receptive to the palladium particles in subsequent step.

OPERATING DATA

1- BATH MAKE UP

- For each one liter of the bath volume add **250** ml of DP cleaner conditioner per liter with the balance being D.I water.
- Fill 75 % of the bath volume with D.I water then add DP cleaner conditioner slowly with stirring.

2- BATH MAINTENANCE

Replenishment:

- By work load: for every 1 m^2 (total surface area) processed add 25 ml of DP cleaner conditioner.

Replacement:

- DP cleaner conditioner bath should be totally replaced when total surface area of 10 m^2/L has been processed

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YIELD:

- Each 1 liter of DP cleaner conditioner concentrate is sufficient to process a total surface area of 20 m^2

3- Operating Parameters:

DP cleaner conditioner concentrate	250 ml/L
Operating temperature	60°C
Time	10 minutes
Agitation	Solution laminar flow through hole is necessary (board movement is sufficient).