



DIELECTRIC PRE - HEATING



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Dielectric Pre - Heating:

Dielectric Preheaters Generate Heat Inside Materials Electronically. Dielectric materials like Bakelite, Urea, Melamine have very few electrons to conduct heat. When such materials are placed in a high frequency field their molecules start oscillating millions of times each second. Heat is thus generated inside the material in proportion to the applied frequency.

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Benefits of Dielectric Preheating:

- Minimizes warpage and shrinkage to improve appearance.
- Better electrical properties of finished products.
- Better mechanical strength.
- Increases production efficiency.
- Reduces worker fatigue in hand operated presses.
- Flash thickness can be better controlled.
- Reduction of molding cycle time.
- Reduces rejections.

ED-Vantage:

- Vast experience of 35 years.
- Wide range to choose from.
- Rugged and reliable equipment.
- Excellent after sales service.
- In built safety circuits for machine and operator.

Technical Specification

	DPH-01	DPH-03
Power Output	1.0kw	2.5kw
Operating Frequency	40MHz	40 MHZ
Stand -by power	120w	200w
Rectifier solid state	Solid state	Solid state
Time control	3-60 seconds	3-60 seconds
	Digital	Digital

Opertation	Automatic/Manual	Automatic/Manual
Lid Opening	Automatic	Automatic
Electrode Size	175mm x140mm	250mm x 250mm
Height	700mm	765mm
Length	780mm	990mm
Width	360mm	465mm
Heatability	200gm in 60 sec	800gm in 60 sec
RF Suppression	RF Suppression the	chokes provided at

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