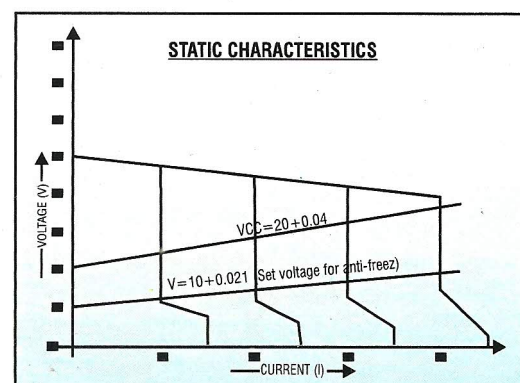
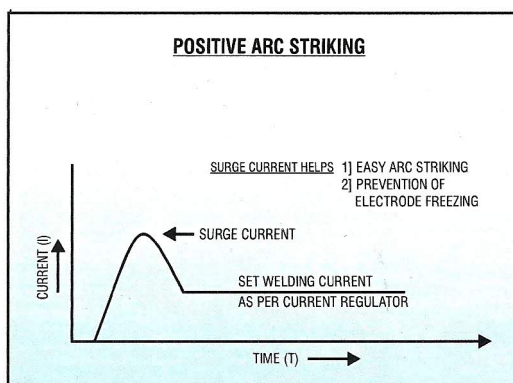


## THYRISTORISED WELDING RECTIFIERS & TIG WELDING SYSTEMS



- FULLY THYRISTORISED CLOSED LOOP FEEDBACK CURRENT CONTROL TO MAINTAIN STABLE WELDING CURRENT.
- PROVIDES SPATTERLESS RADIOGRAPHIC QUALITY WELDING.
- UNIQUE FILTER DESIGN TO ENSURE LOW RIPPLE LEVEL AND OUTPUT CURRENT VARIATION WITHIN INTERNATIONAL WELDING STANDARDS.
- EFFICIENT AND COMPACT POWER SOURCE DESIGN WITH ENHANCED POWER FACTOR. CONSUMES LESS KVA.
- POSITIVE ARC STARTING FACILITY TO HELP EASY ARC STARTING AND PREVENTION OF ELECTRODE FREEZING APART FROM DEEP PENETRATION WELDING.
- STURDY REMOTE CURRENT CONTROL PENDANT AVAILABLE AT THE FINGER TIP OF THE OPERATOR .
- MOST IDEAL STATIC CURRENT-VOLTAGE CHARACTERISTICS TO SUIT VARIED WELDING APPLICATIONS .
- AUTOMATIC ARC FORCE CONTROL SYSTEM FOR ADJUSTMENT OF SHORT CIRCUIT CURRENT AND ARC CHARACTERISTICS



## TECHNICAL SPECIFICATIONS

MODEL	TD 400H	TD 600H
Supply Voltage	380-440V, 3 Phase.	380-440V, 3 Phase.
Frequency	50Hz	50Hz
Class of Insulation	"H"	"H"
Primary Current @ Max. rated (Single Operator)	37A	57A
Open Circuit Voltage @ 60% Duty Cycle @ 100% Duty Cycle	75 – 85 V 400 A 308 A	75 – 85 V 600 A 462 A
Current Range	10 – 400 Amps	10 – 600 Amps
Type of Cooling	Forced Air Cooled	Forced Air Cooled
Dimensions (L x W x H)mm	780 x 620 x 810mm	820 x 780 x 930mm
Weight	220 Kgs.	300 Kgs.

Technical specifications are subjected to change because of continuous upgradation of products for better performance.

*\*Duty cycle conforms to 10 minutes cycle at 40°C Ambient Temperature*

**SALES AND SERVICE  
NETWORK (INDIA)**

**✦ Centralized services :-**

[service@technocratplasma.com](mailto:service@technocratplasma.com)



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- LUCKNOW • LUDHIANA • MUMBAI • NAGPUR • PATNA • PUNE • RANCHI • SINGRAULI
- SURAT • TRICHY • VADODRA • VIZAG

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