

FONTECH THUNDER-THY R400



THYRISTOR POWER SOURCE FOR MMAW

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Thyristorised welding equipment with electronic current adjustment. Sturdy, reliable with excellent arc characteristics and recommended for highest standard applications with any electrode. Suitable for heavy duty shop floor fabrication and site applications.

FEATURES

- Excellent DC stability with high performance.
- Smooth and stable arc with negligible spatters.
- Suitable for cellulosic electrodes.
- Suitable for heavy duty welding and gouging applications.
- Digital display of current and voltage.
- Suitable for DC TIG welding with scratch start process.
- Protective functions : Over heat , over current , under / over voltage and single phase preventer.

TECHNICAL SPECIFICATIONS

| DESCRIPTION | THUNDER-THY R400 |
|------------------------------------|------------------------|
| Input voltage | 415 (+ 10%/- 15%) V AC |
| Phase | 3 |
| Frequency | 50/60 Hz |
| Open circuit voltage | 90-100 V |
| Current range | 10-400 A |
| Welding current | |
| at 60% duty cycle | 400 A |
| at 100% duty cycle | 310 A |
| Input current @ 100% duty cycle | 27 A |
| Recommended switch | TP-40 A |
| Type of cooling | Forced Air |
| Recommended size | 2.5-5.0 mm |
| Dimensions (LxWxH) | 865x445x790 mm |
| Weight | 160 Kg |

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STANDARD SCOPE OF SUPPLY

- Power source with input cable 3.0 meters
- Electrode holder
- Earthing clamp



OPTIONAL ACCESSORIES

| ITEMS | PART NO. |
|---|-------------------|
| Remote control unit with 10 mtrs cable | FONARC400RMT10M-0 |
| Welding cable 50sqmm | TOWC-50 |
| Electrode holder | TOEH600-0 |
| Earthing clamp | TOEC600-0 |
| TIG torch with gas control valve - 200A | TOTTSR26V-0 |
| Air cooled TIG Torch 300A - 4 meters | TIGTORGC300-0 |
| Argon regulator | ARGONREGULATOR-0 |
| Hand shield | COMMNSHILDGLS-0 |
| Welding helmet | COMMNHMET-0 |
| Auto darkening helmet | ADFGHS913-0 |
| Hand gloves | COMMNGLOVES-0 |